





As voters decide death penalty's fate, ballots confuse some

Governing

This year's proposals aren't as simple as marking whether you're for or against capital punishment.

NCSL resources on states and capital punishment.

= A



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7700 East First Place, Denver, CO 80230

From: Janet Porter
Sent: Thursday, December 8, 2016 2:01 PM
To: Rep48
Subject: Heartbeat Bill Press Release

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Faith Action

"The people who are loyal to their God shall stand firm and take action." --Daniel 11:32b (NRSV)

**THE HEARTBEATS OF NEARLY 20,000 BABIES A YEAR
IN THE HANDS OF GOV. JOHN KASICH**

Liberty Counsel will Defend our Heartbeat Law for Free

Contact:

Janet (Folger) Porter 202-241-2ACT (2228)

December 8, 2016 - For Immediate Release

The Heartbeat Bill, which passed the Ohio Senate and House on December 6, 2016 (added to H.B. 493), is now before Governor John Kasich.

"The fate of nearly 20,000 babies with beating hearts is in the hands of Governor John Kasich," said Janet (Folger) Porter, President of Faith2Action, author of the Heartbeat Bill and the driving force behind its passage for the last six years. **"If you care about protecting life, the most important call you can make is to Gov. Kasich at 614-466-3555. And the most important time to make it is right now,"** stated Porter.

"Ask Governor Kasich to sign the Heartbeat Bill (within H.B. 493) and let the courts be the ones to decide the issue of Constitutionality--that's why we have courts," added Porter. **"Why would the Governor want to kill the Heartbeat Bill because the courts might? That makes no sense."**

"There will be no taxpayer expense because Mat Staver, Chairman of Liberty Counsel, called Governor Kasich today and offered to defend Ohio's Heartbeat Law for free," stated Porter. Staver is the former dean of Liberty University School of Law.

"It's very interesting what the 8th Circuit Court of Appeals had to say about the Arkansas and North Dakota Heartbeat Laws," said Porter. **"The 8th Circuit asked the Supreme Court to review the issue because they determined 'heartbeat' to be a 'more certain and consistent' marker than viability, the standard the Supreme Court now uses."** Porter stated, **"By the time our Heartbeat Law reaches the Supreme Court, we will have a brand new Trump-appointed Court."** Porter, who initiated the nation's first Heartbeat Bill in 2011, added, **"Now is the time!"**

-30-

Faith2Action
PO Box 33395 North Royalton, Ohio 44133
F2A.org

Faith2Action, PO Box 33395, North Royalton, OH 44133

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Sent by alert@f2a.org in collaboration with



Try it free today

From: Local Pipeline Company
Sent: Friday, December 9, 2016 12:30 PM
To: Rep48
Subject: Important Pipeline Message for your Community

(877) 477-1162

www.pipelinesafetyinfo.com

Important Public Official Message

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is important!
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Pipeline Safety*

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this with others
in your
organization*

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You have received this information because the decisions you make regarding land use and property development in your jurisdiction may impact the pipelines in your area...

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- **CALL BEFORE YOU DIG**

99%* of all incidents involving injury, damage and service outages can be avoided by making a FREE CALL to 811...

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- **LAND USE PLANNING AND TRANSMISSION PIPELINES**

Recommended practices related to land use and development near transmission pipelines...

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- **PLANNING, ZONING, AND PROPERTY DEVELOPMENT**

It is crucial to coordinate with pipeline companies to take the location of pipelines into consideration inland-use plans, zoning, and property-development activities...

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Operators must calculate the potential impact radius for all points along their pipelines and evaluate corresponding impact circles to identify what population is contained

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Contact Us

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From: FHamilton=heritageohio.org@mail.salsalabs.net on behalf of Frances Jo Hamilton [FHamilton@heritageohio.org]
Sent: Monday, January 2, 2017 3:41 PM
To: Rep48
Subject: Revitalization News - 01.02.17



Vital Places. Vibrant Communities.

E-NEWS

REVITALIZATION ISSUE

Revitalization News

Understanding Growth, Part 1

"We have become over-obsessed with the idea of growth. We are not exactly sure what we are growing toward, but we compensate for this shortcoming by accelerating."-Tomas Sedlacek in Economics of Good and Evil

My hometown of Brainerd, MN, is millions of dollars in debt. We're one of the poorest cities in the state and are perpetually among the highest in unemployment. More of our budget comes from aid from the state than we raise locally through property taxes. We have untold obligations we cannot meet, from building repairs to road maintenance, and we've laid off our fire fighters and many of our police officers. Yet, despite our fragile and nearly desperate financial state, we are about to borrow another \$10.7 million for a sewer and water expansion project we don't really need. Why would we do such a thing? The one word answer: growth. [Read More](#)

Entrepreneurial Ecosystems and the Role of Commercial Districts

In our modern economy, shifting demographics, changes in consumer shopping, and transitions within our local, regional, and national economies have significant implications for the development and growth of entrepreneurs themselves, as well as downtowns and commercial districts on the whole. In effort to adapt to these new norms, Main Street professionals are positioned to play unique and crucial roles in supporting innovative entrepreneurship as part of sustainable, robust local economies. [Read More](#)

Learning Opportunities

Atlas of ReUrbanism

As the National Trust's ReUrbanism initiative seeks to build the successful, inclusive, and resilient cities of tomorrow, the Atlas of ReUrbanism is a tool for urban leaders and advocates to better understand and leverage the opportunities that exist in American cities.

The Atlas of ReUrbanism takes the massive amount of data currently available about cities and makes it more accessible, allowing for the exploration and discovery of connections between older buildings and economic, demographic, environmental measures. Whether you're an activist, journalist, developer, or resident, the Atlas of ReUrbanism contains detailed information about the businesses and residents, buildings and blocks that make cities work for everyone. [Read More](#)

Vancouver Plants a Pollinator Park

Hundreds of Vancouver residents helped plant mints, sages, asters, and other bee- and butterfly-friendly varieties at a new pollinator park on the Canadian city's West Side over the weekend, CBC News reports.

The \$215,000 park, which is a third of an acre, is part of a long-term plan to redevelop an entire block. With 1,500 flowering plants, it will support biodiversity — a priority of the Vancouver Park Board — and serve as a demonstration space for sustainable practices. There's a cistern to capture rainwater, and wildflowers where grass might typically be planted. [Learn More](#)

Heritage Ohio News

Join us January 4 at 1pm as Heritage Ohio staff share their Top 10 lists when it comes to preservation & revitalization

Save January 4, 1pm, on your calendar now for Heritage Ohio's first webinar of 2017. We're ringing in 2017 with a nostalgic look back in the form of staff Top 10 lists (these could be Top 10 highlights *or* lowlights) from the world of preservation & revitalization. Stay tuned to our [website](#) for registration information. We hope you'll plan to join us.

Thank you to Heritage Ohio members who make our work possible! Free Heritage Ohio webinars are a benefit of membership. If you're not a member yet, [join us here](#).

Funding Opportunities and Awards

NEA Challenge America Grant Program

The National Endowment for the Arts' Challenge America grant offers support primarily to small and mid-sized organizations for projects that extend the reach of the arts to underserved populations — those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. Grants are available for professional arts programming and for projects that emphasize the potential of the arts in community development. Applications due April 13, 2017. [Learn More and Apply](#)

Communities Get Environmental, Economic Development Help From EPA

The U.S. Environmental Protection Agency (EPA) will provide 25 communities in 19 states with technical assistance to pursue development strategies that advance clean air, clean water, economic development and other local goals. EPA selected the communities from among 76 applicants to the Building Blocks for Sustainable Communities program. In 2017, EPA staff and national experts will conduct one- to

two-day workshops to help the communities address development-oriented issues. [Learn More](#)

Ohio Main Street Events


Main Street Mt. Vernon: Second Saturday, January 14, 2017, [Read More](#)

Marietta Main Street: First Friday, January 6, 2017, [Read More](#)



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empowered by  salsa

From: Jenny Gluvna

Sent: Thursday, January 12, 2017 10:11 PM

To: Rep48

Subject: Fwd: SOS! Ohio's Water is Being Destroyed!

Attachments: OH_WaterUsage_October2016_Table.xls

Dear Representative Schuring,



SOS! Ohio's Water is Being Destroyed!

This is a picture of a large injection well located near Cambridge, Ohio. The SOS is a good acronym for what is happening in Ohio because of the water emergency that is being created. Due to the proliferation of the fracking industry, Ohio's water is being destroyed for a one-time consumptive use with very little being recycled by the industry because water is being sold so cheaply. Most water that has been used for fracking ends up being disposed of in injection wells, which are also proliferating in the state. Water is being sold by public water works, private water profiteers, the Muskingum Watershed Conservancy District and simply taken from small streams and tributaries and even the Ohio River.

Freshwater is one of Ohio's most important natural resources. Not only is water being taken for a one-time consumptive use by a single unregulated industry and destroyed forever for any other use, the remaining water is being contaminated because of spills, dumping and leaks. Over time, groundwater and surface water can become contaminated from leaking injection wells (see article below from <http://www.processingmagazine.com/endocrine-disrupting-chemicals-found-downstream-from-wastewater-injection-well/>), and fracking long laterals that find

migratory pathways into existing water sources. What we have is a perfect storm of water depletion and contamination with toxic chemicals and radioactive particles that will degrade Ohio's long-term economic future and cause a burden to taxpayers like that of acid mine drainage created by coal mining.

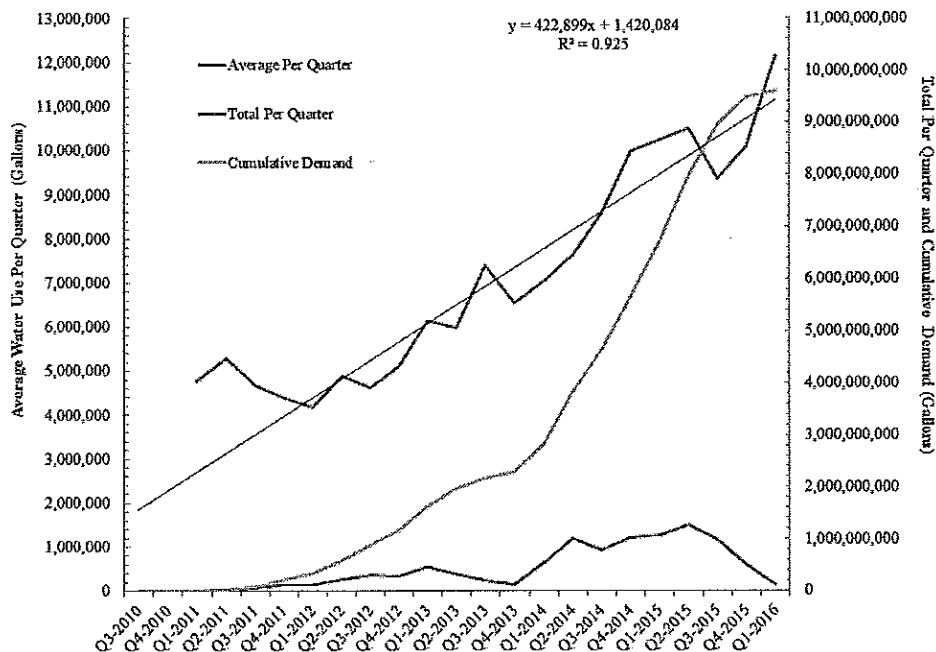
Here are just a few examples of how much water is destroyed by fracking - this is just one company drilling in Guernsey County:

34-059-24488-00-00	34-059-24393-00-00	34-059-24381-00-00	34-059-24380-00-00	34-059-24382-00-00
Eclipse	Eclipse	Eclipse	Eclipse	Eclipse
Resources I, LP	Resources I, LP	Resources I, LP	Resources I, LP	Resources I, LP
Purple Hayes 1H	Borton B 4H	Borton C 8H	Borton A 2H	Borton C 6H
29,811,410	15,969,591	13,677,973	16,252,036	14,976,231
gallons of water used to frack	gallons of water used to frack	gallons of water used to frack	gallons of water used to frack	gallons of water used to frack

These are just a few examples of how much water is destroyed by fracking. Keep in mind that this water is now toxic, radioactive waste that must be disposed of, which is creating another huge industry in the region; an industry no one wants in their community - injection wells that can leak and pollute air and water.

Not only does fracking use a great deal of water, but water usage is increasing as companies try to extract the most amount of revenue from each well. This graph from FracTracker illustrates the increase in usage per well in Ohio:

water demand is increasing by 422,899 gallons per lateral per quarter or 1.7 million gallons per year



FracTracker.org is tracking water used for fracking in Ohio. Take a look at the numbers here: [Latest Inventory of Ohio HVHF Wells and Water, Proppant, and Chemical Demand](#). The table is attached showing water destroyed by fracking well as well as data on some chemicals and amount of sand used.

Some of Ohio's small counties with limited water resources are being most impacted in the region - these numbers were derived from FracFocus and do not reflect the total amount of water taken by fracking, just what was reported to the agency (furnished by Teresa Mills by selected counties in the Muskingum Watershed District:

ASHLAND

2,932,422

BELMONT

2,545,318,681

KNOX

	2,204,454
COSHOCTON	
	11,418,287
CARROLL	
	2,572,188,783
STARK	
	5,291,315
TUSCARWAS	
	31,835,065
HARRISON	
	2,430,979,874
WAYNE	
	3,309,559
MUSKINGUM	
	10,170,198
GUERNSEY	
	1,204,587,429
MORGAN	
	26,098,351
NOBLE	
	1,436,185,453
WASHINGTON	

75,234,467

10,357,754,338

We have sent a warning letter to the Muskingum Watershed Conservancy District by FracTracker warning of potential long-term, irreversible damage to the watershed (<http://www.fwap.org/conservancy-district-warned-of-watershed-impacts/>), but that has not stopped the conservancy district from selling water for fracking. We are asking you, our elected representatives, to take a look at the facts about fracking and get involved to protect Ohio's precious water resources! We will be contacting your office in the near future to see if you will join us to protect Ohio's precious water from the temporary, toxic and highly unregulated industry of fracking.

Sincerely,

Lea Harper

Managing Director

FreshWater Accountability Project

www.FWAP.org

**ENDOCRINE
DISRUPTING
CHEMICALS NEAR**

WASTEWATER INJECTION WELL

The University of Missouri said on Wednesday that the endocrine disrupting chemicals (EDCs) found at the wastewater injection well may be associated with negative health effects in aquatic organisms, other animals and humans.

SHARE ON:

PROCESSING STAFF — APRIL 7, 2016

U.S. researchers studying the surface water near a hydraulic fracturing wastewater disposal facility in West Virginia have identified high levels of chemicals that can cause hormonal changes.

The University of Missouri said on Wednesday that the endocrine disrupting chemicals (EDCs) found at the wastewater injection well may be associated with negative health effects in aquatic organisms, other animals and humans.

"Surface water samples collected on the disposal facility site and immediately downstream exhibited considerably greater EDC activity than surface water samples collected immediately upstream and in a nearby reference stream," said Susan C. Nagel, director of the study and an associate professor in the Department of Obstetrics, Gynecology and Women's Health in the School of Medicine, and an adjunct associate professor of biological sciences in the university's College of Arts and Science. "The level of EDC activity was within the range or higher than the level known to impact the health of aquatic organisms." The fracking process results in large volumes of wastewater that contains chemicals used to drill and frack the well and may also contain radioactive compounds and heavy metals released from deep underground.

Approximately 1,000 different chemicals are thought to be used across the fracking industry, and more than 100 of these are known or suspected to be EDCs.

Disposal wells like the one analyzed in the University of Missouri study are used only to dispose of fluids associated with oil and natural gas production. "Approximately 36,000 of these disposal wells are currently in operation across the U.S., and little work has been done to evaluate their

potential impacts on nearby surface water,” said Christopher Kassotis, a former graduate student in Nagel’s laboratory and a current postdoctoral fellow at Duke University. “Given the large number of disposal wells in the U.S., it is critical for further investigation into the potential human and environmental health impacts.”

The study, titled “Endocrine Disrupting Activity in Surface Water Associated with a West Virginia Oil and Gas Industry Wastewater Injection Disposal Site,” will be published online in *Science of the Total Environment*.

FID	Permit	Year
0	05/14/2015	2016
1	2/2/2012	2012
2	11/2/2011	2011
3	11/2/2011	2011
4	10/22/2014	2014
5	5/22/2012	2012
6	6/11/2012	2012
7	3/9/2012	2012
8		2016
9	11/14/2011	2011
10	9/7/2011	2011
11		2016
12	7/16/2014	2014
13	7/16/2014	2014
14	10/19/2011	2011
15	12/15/2011	2011
16	8/25/2011	2011
17	6/12/2014	2014
18	5/22/2014	2014
19	1/18/2013	2013
20	2/27/2013	2013
21	10/31/2011	2011
22	09/04/2015	2016
23	09/04/2015	2016
24	6/22/2012	2012
25	11/29/2013	2014
26	1/20/2014	2014
27	8/23/2013	2014
28	1/20/2014	2014
29	8/26/2015	2015
30	5/15/2015	2015
31	6/22/2012	2012
32	10/10/2014	2016
33	12/07/2015	2016
34	2/22/2013	2013
35	4/27/2012	2012
36	7/15/2014	2014
37	3/28/2013	2013
38	3/28/2013	2013
39	5/25/2012	2012
40	8/6/2013	0
41	8/6/2013	0
42	2/15/2013	0
43	2/15/2013	0
44	2/15/2013	0
45	1/2/2015	2015
46	12/26/2014	2014
47	6/10/2013	0
48	1/10/2014	2014
49	1/22/2014	2014
50	11/9/2012	2012
51	10/30/2012	2012
52	12/14/2012	2012
53	10/19/2014	2014
54	10/16/2014	2014
55	10/18/2014	2014
56	1/11/2013	0
57	10/21/2014	2014
58	11/5/2014	2014
59	11/5/2014	2014
60	10/21/2014	2014

County	API
Carroll	3.40192E+13
KNOX	3.40832E+13
ASHLAND	3.40052E+13
MEDINA	3.41033E+13
Morgan	3.41152E+13
COSHOCTON	3.40313E+13
WAYNE	3.41693E+13
MUSKINGUM	3.41193E+13
Tuscarawas	3.41572E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
Tuscarawas	3.41573E+13
Morgan	3.41153E+13
Morgan	3.41153E+13
TUSCARAWAS	3.41573E+13
NOBLE	3.41212E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
NOBLE	3.41212E+13
Washington	3.41673E+13
Washington	3.41673E+13
NOBLE	3.41212E+13
WASHINGTON	3.41673E+13
WASHINGTON	3.41673E+13
WASHINGTON	3.41673E+13
WASHINGTON	3.41673E+13
STARK	3.41513E+13
STARK	3.41513E+13
GUERNSEY	3.40592E+13
Noble	3.41212E+13
Noble	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
Summit	3.41532E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
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NOBLE	3.41212E+13
NOBLE	3.41212E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
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NOBLE	3.41212E+13

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DEVON ENERGY PRODUCTION CO
ANADARKO E & P COMPANY LP
RHDK Oil & Gas, LLC
ANADARKO E & P COMPANY LP
ANADARKO E & P COMPANY LP
RHDK Oil & Gas, LLC
PDC Energy
PDC Energy
CNX GAS COMPANY LLC
ANADARKO E & P COMPANY LP
ENERVEST OPERATING L
EQT PRODUCTION COMPANY
EQT PRODUCTION COMPANY
EQT PRODUCTION COMPANY
EQT PRODUCTION COMPANY
ANADARKO E & P COMPANY LP
PDC Energy
PDC Energy
ANTERO RES APPALACHIAN CORP
PDC ENERGY INC
PDC Energy
PDC ENERGY INC
PDC Energy
Discovery Oil and Gas, LLC
Discovery Oil and Gas, LLC
DEVON ENERGY PRODUCTION CO
PDC Energy
PDC Energy
ANTERO RES APPALACHIAN CORP
ANTERO RES APPALACHIAN CORP
Discovery Oil and Gas, LLC
ANTERO RES APPALACHIAN CORP
ANTERO RES APPALACHIAN CORP
PDC ENERGY INC
PDC ENERGY INC
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ANTERO RES APPALACHIAN CORP
PDC Energy
PDC Energy
PDC Energy
CONSOL ENERGY, INC.
CONSOL Energy Inc.
CONSOL ENERGY, INC.
CONSOL Energy Inc.
CONSOL Energy Inc.

WellName	SurfLat	SurfLong	Depth
Perry 1H	40.636911	-81.11891	7521
SENSIBAUGH 1H	40.246024	-82.464384	3605
EICHELBERGER DAVID 1H	40.946651	-82.403478	3669
RICHMAN FARMS 1H	41.060445	-82.037579	4154
Townley #1-s	39.51216	-81.963846	7312
COSH MILL CREEK A-1H	40.382519	-81.884185	5220
HERSHBERGER 1H	40.729151	-81.836648	5158
FREC MEIGS C-1H	39.821565	-81.758573	6800
Goedel #2	40.37628	-81.69993	4376
FREC GUER SPENCER A-5H	39.872054	-81.684223	6500
FREC GUER SPENCER A1H	39.871975	-81.684039	6520
Breniser #3	40.4076	-81.6835	4878
Palmer 3H	39.609207	-81.667107	6806
Palmer 2H	39.609237	-81.667071	6822
TROYER TUSC3AHSU	40.442118	-81.659437	6162
FREC NOBL BROOKFIELD A-3H	39.779842	-81.656962	6730
RHDK INVESTMENTS 21-4-4 8H	40.152297	-81.638336	6154
Kamm - 580035	39.922228	-81.625525	6673
Kamm - 580011	39.92212	-81.62526	6638
CLARK 580008	39.916229	-81.610512	6633
CLARK 580007	39.91627	-81.610512	6641
FREC NOBL SHARON A-1H	39.721937	-81.610047	7006
Mason 2H	39.567374	-81.588362	6954
Mason 4H	39.567456	-81.58836	6967
SANFORD UNIT 1H	39.871378	-81.520115	7022
Garvin 3H	39.562858	-81.507038	0
Garvin 3H	39.562858	-81.507038	0
Garvin 2H	39.562822	-81.50701	0
Garvin 2H	39.562822	-81.50701	0
Jim Klick #2	40.755741	-81.48552	7011
Jim Klick #2	40.755741	-81.48552	7011
THE CHUMNEY FAMILY TRUST 1H	40.011894	-81.464945	7086
Miley 1H	39.852783	-81.45743	7206
Miley 7H	39.852776	-81.457378	7239
MILEY UNIT 2H	39.854418	-81.453562	7447
MILEY UNIT 5HA	39.854491	-81.453486	7428
Goodview Park Unit 1-D	41.06738	-81.4517	4439
COAL UNIT 2H	39.861867	-81.441131	7704
COAL UNIT 3H	39.8619	-81.441099	7713
ONEGA COMMISSIONERS 14-25H	39.998189	-81.436975	0
Commisioner 2H	39.998182	-81.436821	0
Commisioner 3H	39.998212	-81.436717	0
Milligan Unit 1H	39.863969	-81.431002	7826
Milligan Unit 2H	39.86401	-81.430993	7816
Milligan Unit 3H	39.86405	-81.430983	7818
Neuhart West 1H	39.864082	-81.430967	7722
Neuhart West 2H	39.864122	-81.430958	7737
Neuhart Unit 3H	39.864172	-81.430957	7633
Scheetz Unit 2H	39.868171	-81.422559	7402
Scheetz Unit 3H	39.868137	-81.42253	7406
WAYNE UNIT 2H	39.868069	-81.422475	7572
WAYNE UNIT 3HA	39.868	-81.422415	7592
WAYNE UNIT 4H	39.867964	-81.422387	7589
Dynamite 2H	39.97821	-81.42046	7205
Dynamite 3H	39.97821	-81.4204	7200
Dynamite 4H	39.97821	-81.4203	7214
NBL-33B	39.737675	-81.418098	7945
NBL-34A	39.793067	-81.41735	7888
NBL-34B	39.793058	-81.417279	7863
NBL-34C	39.793051	-81.417208	7902
NBL-34D	39.793043	-81.417138	7954

WaterUsed	Total Base	Total Mass	H2O_Percen
17439583	145271726.4	165169460	0
2204454	18363101.82	21763358.97	84.37623
2932422	24427075.26	28111875.94	86.89237
2572682	21430441.06	25062738.66	85.50718
4704	39184.32	39186.74958	99.9938
10816646	90102661.18	99181934.12	90.84584
3309559	27568626.47	32052334.61	86.01129
10170198	84717749.34	93339356.34	90.76316
145000	1207850	1288820.674	0
8643592	72001121.36	80872821.34	89.03006
5205007	43357708.31	50186680.14	86.39286
134400	1119552	1236020.889	0
12683504	105653588.3	121481637.4	86.97083
12986372	108176478.8	122009363.6	88.66244
8048643	67045196.19	71185645.17	94.18359
8928587	74375129.71	83405015.41	89.17345
4142536	34507324.88	40751478.29	84.67748
8649015	72046294.95	82341003.63	87.49747
8862937	73828265.21	83813323.61	88.08655
9337235	77779167.55	89497762.99	86.90627
8676753	72277352.49	84285223.91	85.75329
7705958	64190630.14	72300220.53	88.78345
7088544	59047571.52	70197746.47	0
7589203	63218060.99	73461435.39	0
10657332	88775575.56	99184924.26	89.50511
9498191	79119931.03	93014032.33	85.06236
9498191	79119931.03	93014032.33	85.06236
6408417	53382113.61	62690734.83	85.15152
6408417	53382113.61	62690734.83	85.15152
263516	2195088.28	2341844.409	93.73331
6150	51229.5	64985.41017	78.83231
2958023	24640331.59	28454162.5	86.59658
5411547	45078186.51	52950781.64	0
7131447	59404953.51	69974603.35	0
8688514	72375321.62	79788485.79	90.70898
9056964	75444510.12	85452927.95	88.2878
98380	819505.4	907609.7063	90.29271
11372442	94732441.86	104058863.2	91.03736
11022154	91814542.82	102015240.6	90.00081
9340200	77803866	93364828.01	83.333165
4218383	35139130.39	41238314.17	85.20991
4772462	39754608.46	47918456.77	82.96304
8638338	71957355.54	80110497.25	89.82263
8247951	68705431.83	76313108.51	90.03097
7130364	59395932.12	65697476.38	90.40824
12437548	103604774.8	115068637.4	90.03737
12319416	102620735.3	114156665.9	89.89465
9982559	83154716.47	93097230.73	89.32029
8946882	74527527.06	82161134.5	90.70898
12223974	101825703.4	112255372.5	90.70898
8867880	73869440.4	82237619.87	89.82439
9589230	79878285.9	88453812.23	90.30508
9256170	77103896.1	86252210.98	89.39353
9398156	78286639.48	89581925.99	87.39111
7959777	66304942.41	76683679.7	86.46552
9713559	80913946.47	91902508.89	88.04324
8187598	68202691.34	76261640.16	89.4325
10204946	85007200.18	95285696.89	89.21297
10561867	87980352.11	98861803.94	88.99327
11393155	94904981.15	106266162.2	89.30875
9312471	77572883.43	87123080.26	89.03827

Recycled_H	HCL_Gallon	TotalSand	Petro_Dist
	34321.326	0	9772.55346
	3759.601763	0	4694.943427
	42299.51243	1629.978574	0
	36765.8722	1637.073027	0
	0	0	0
	44961.20893	2924.463632	0
	64958.22689	1917.707206	0
	41590.84578	2780.136063	0
	186.438576	0	130.068346
	9684.219104	2860.997364	0
	1969.795829	2208.276659	0
	279.659676	0	104.434208
	20628.04669	7546.633684	25867.16803
	17342.5482	6736.36878	0
	195086.2253	0	0
	43064.2739	2923.408344	0
	44746.56271	2813.304792	0
	17296.98351	0	0
	8977.129849	0	0
	14744.18143	0	0
	20824.34606	5838.340533	0
	42601.72464	2616.602821	0
	18833.8483	0	902.277912
	2625.00849	0	1106.461688
	0	5021.683123	7622.376334
	16180.33273	6772.165666	0
	16180.33273	6772.165666	0
	9393.285061	4550.870899	0
	9393.285061	4550.870899	0
	0	71.005074	99.75243
	337.215256	0	0
	60318.34367	1637.286655	0
	14497.84194	0	1259.397449
	3367.477055	0	1384.134936
	3544.715185	3632.68997	5928.928688
	4554.752148	0	8060.512031
	389.098612	39.912091	0
	6519.940746	4410.727424	10038.74618
	4034.47833	4895.384945	10263.00636
	544732.9133	67924.03275	0
	5335.689384	2972.461809	0
	4375.820032	4000.103392	0
	2242.058495	3962.449448	4126.397595
	1768.430373	3695.81332	5012.313774
	1824.188978	3056.40099	3617.811038
	11487.2618	5392.944844	6270.753428
	8801.187843	5496.243916	5506.449709
	2010.00645	4848.028981	5107.424726
	3650.123426	3740.714293	6105.235643
	4987.102082	5110.874856	8341.480503
	2556.61135	0	8998.481935
	2557.04934	0	9678.660845
	2458.711995	0	9437.760523
	7379.604534	5239.781224	0
	6157.873935	4806.341335	0
	6925.662787	5076.395908	0
	63515.67	3666.812182	0
	46026.16461	4864.958948	0
	46023.13806	5177.595339	0
	49090.9182	5400.706716	0
	41423.18253	4515.789633	0

Polysaccha	GuarGum_To
.	132399839.1
0.0	59100577.62
0.0	22455766.5
0.0	24145442.43
0.0	0
0.0	0
0.0	96592915.57
0.0	0
.	0
0.0	0
0.0	0
.	0
0.0	268523011.2
0.0	8077019.868
0.0	0
0.0	0
0.0	0
0.0	0
0.0	0
0.0	9594160.193
0.0	28252407.06
0.0	0
.	86118595.37
.	80675348.34
0.0	11902190.91
0.0	138479291.3
0.0	138479291.3
0.0	104354997.2
0.0	104354997.2
	0
0.0	0
0.0	34395391.63
.	43017215.01
.	107830863.8
0.0	67852128.32
0.0	12595761.58
0.0	0
0.0	133445086.1
0.0	136414779.7
0.0	0
0.0	62344083.36
0.0	89128329.6
0.0	54843646.42
0.0	66621343.73
0.0	48090552.71
0.0	83332707.23
0.0	73174422.85
0.0	67905120.09
0.0	69869828.78
0.0	95461968.8
0.0	8963900.566
0.0	8809999.698
0.0	8952979.5
0.0	0
0.0	106283580.1
0.0	102471297.4
0.0	101122934.9
0.0	48004934.09
0.0	32031224.48
0.0	37745740.82
0.0	60933882.33

OH_WaterUsage_October2016_Table

Surfactant	GellingAge
.	63.854513
1.2	33.242443
0.0	5.613942
0.0	6.036361
0.0	0
0.0	0
0.0	24.148229
0.0	0
.	0.409329
0.0	0
0.0	0
.	0.328658
0.0	148.535598
0.0	2.019255
0.0	0
0.0	0
0.0	34.145664
0.0	0
0.0	0
0.0	2.39854
0.0	7.063102
0.0	0
.	24.369148
.	23.650909
1.5	28.659484
0.0	0
0.0	34.619823
0.0	0
0.0	26.088749
0.0	0
0.0	0
0.0	8.598848
.	14.71767
.	31.313635
0.3	37.656176
1.6	30.310154
0.0	0
2.0	72.060763
2.0	73.665205
0.0	25706.26414
0.0	15.586021
0.0	22.282082
0.8	29.616851
1.0	33.428957
0.7	25.970212
1.2	45.003344
1.1	39.51533
1.0	36.666344
0.3	37.030023
0.5	50.593496
28.3	87.196548
30.5	93.579711
29.7	91.341091
0.0	0
0.0	0
0.0	25.617824
0.0	25.280734
0.0	12.001234
0.0	8.007806
0.0	9.436435
0.0	15.233471

61	9/4/2015	2015
62	9/4/2015	2015
63	10/17/2014	2014
64	1/2/2013	2013
65	11/21/2012	2012
66	11/3/2014	2014
67	7/10/2014	2014
68	7/30/2014	2014
69	7/9/2014	2014
70	3/14/2014	2014
71	3/29/2014	2014
72	2/8/2015	2015
73	3/5/2015	2015
74	3/21/2015	2015
75	7/17/2015	2015
76	7/22/2015	2015
77	11/17/2015	2015
78	7/17/2015	2015
79	10/17/2015	2015
80	10/23/2014	2014
81	6/30/2014	2014
82	6/4/2014	2014
83	6/1/2014	2014
84	6/1/2014	2014
85	3/11/2015	2015
86	12/23/2013	2013
87	4/18/2014	2014
88	7/24/2014	2014
89	1/13/2014	2014
90	7/26/2014	2014
91	2/2/2014	2014
92	7/20/2014	2014
93	7/3/2014	2014
94	7/3/2014	2014
95	5/22/2015	2015
96	5/12/2015	2015
97	5/14/2015	2015
98	3/20/2015	2015
99	12/22/2015	2016
100	10/26/2015	2015
101	3/16/2015	2015
102	7/19/2012	2012
103	3/8/2015	2015
104	3/4/2015	2015
105	3/3/2015	2015
106	10/21/2014	2014
107	11/4/2014	2014
108	11/3/2015	2015
109	6/12/2015	2015
110	6/12/2015	2015
111	6/12/2015	2015
112	11/30/2014	2014
113	11/30/2014	2014
114	12/14/2014	2014
115	11/21/2013	2011
116	10/1/2014	2014
117	01/06/2016	2016
118	3/19/2015	2015
119	3/9/2015	2015
120	3/28/2015	2015
121	2/27/2015	2015
122	4/19/2015	2015

GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
WASHINGTON	3.41673E+13
WASHINGTON	3.41673E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
TUSCARAWAS	3.41573E+13
NOBLE	3.41212E+13
TUSCARAWAS	3.41573E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
Guernsey	3.40592E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.4059E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
PORTAGE	3.41332E+13
GUERNSEY	3.40592E+13
Guernsey	3.40592E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13
NOBLE	3.41212E+13

Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 PDC Energy
 CNX GAS COMPANY LLC
 CNX GAS COMPANY LLC
 Carrizo Oil & Gas, Inc.
 American Energy Utica
 American Energy Utica
 American Energy Utica
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 CONSOL Energy Inc.
 CONSOL Energy Inc.
 CONSOL Energy Inc.
 CONSOL Energy Inc.
 Protégé Energy III LLC
 EdgeMarc Energy Holdings, LLC
 CONSOL ENERGY, INC.
 CONSOL ENERGY, INC.
 CONSOL ENERGY, INC.
 CONSOL ENERGY, INC.
 Chesapeake Operating, Inc.
 Antero Resources Corporation
 Chesapeake Operating, Inc.
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 Antero Resources Corporation
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 CONSOL Energy Inc.
 CONSOL Energy Inc.
 Antero Resources Corporation
 PDC Energy
 Antero Resources Corporation
 Antero Resources Corporation
 PDC ENERGY INC
 PDC Energy
 PDC Energy
 PDC Energy
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 American Energy - Utica, LLC
 American Energy - Utica, LLC
 American Energy - Utica, LLC
 Chesapeake Operating, Inc.
 Eclipse Resources I, LP
 Eclipse Resources I, LP
 CHESAPEAKE EXPLORATION LLC
 Eclipse Resources I, LP
 Eclipse Resources I, LP
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation

EGGLESTON WLS GR 2H	40.034272	-81.416286	7411
EGGLESTON WLS GR 4H	40.034302	-81.416226	7403
Dynamite 1H	39.97712	-81.41616	7189
RESERVE COAL PROPERTIES CO NBL11AHSU	39.745779	-81.414272	7919
RESERVE COAL PROPERTIES CO NBL11BHSU	39.745734	-81.41423	7928
Brown 1H	40.182346	-81.413537	7090
Shugert Daddy WLS 1H	40.005037	-81.411553	7175
Shugert Daddy WLS 3H	40.005076	-81.411502	7150
Shugert Daddy WLS 5H	40.005115	-81.411452	7255
Schafer Unit 1H	39.881265	-81.404465	7808
Schafer Unit 2H	39.881295	-81.404429	7820
Seneca 1H	39.881327	-81.404395	7722
Seneca 2H	39.881358	-81.40436	7727
Seneca 3H	39.881389	-81.404324	7730
NBL39CHSU	39.808479	-81.403646	7901
NBL39JHSU	39.80858	-81.40359	7993
NBL39DHSU	39.808505	-81.403551	7899
NBL39KHSU	39.80863	-81.40355	8033
Caywood A-1H	39.451847	-81.403442	8200
Merlin 10PPH	39.544983	-81.401075	7985
NBL-16B	39.848336	-81.398393	7817
NBL-30F	39.819398	-81.395575	7932
NBL-30E	39.819442	-81.395538	7956
NBL-30D	39.81949	-81.3955	7974
	40.216154	-81.393447	7160
Myron Unit 1H	39.883918	-81.393234	7643
PARKER 23-5-1 3H	40.216152	-81.393232	7214
NBL-18B	39.837703	-81.393215	7824
Myron Unit 2H	39.883951	-81.393204	7851
NBL-18E	39.837653	-81.393184	7809
Myron Unit 3H	39.883985	-81.393174	7643
NBL-18A	39.837603	-81.393156	7822
NBL-18D	39.837555	-81.393127	7809
NBL-18C	39.837505	-81.393097	7791
NBL36CHSU	39.758088	-81.392147	8104
NBL36BHSU	39.758036	-81.39214	8109
NBL36AHSU	39.757981	-81.392138	8107
BECKER UNIT 1H	39.88446	-81.38998	7833
Neff 3H	40.005717	-81.389087	7293
Hall 1H	39.864966	-81.388741	7854
BECKER UNIT 2H	39.88563	-81.38691	7841
DETWEILER 42-3H	39.98883	-81.386632	0
Cole 2H	40.043529	-81.38125	7204
Cole 3H	40.04354	-81.381197	7203
Cole 4H	40.043548	-81.381147	7229
FRAKES UNIT 1H	39.86097	-81.3804	7811
FRAKES UNIT 2H	39.86242	-81.37735	7809
Hall 2H	39.864939	-81.371052	7863
Red Hill Farm MDS GR 1H	40.12754	-81.345975	7284
Red Hill Farm MDS GR 3H	40.127471	-81.345933	7301
Red Hill Farm MDS GR 5H	40.127515	-81.345886	7310
Frank Miller 2H	39.99494	-81.33877	7871
Frank Miller 4H	39.994977	-81.338719	7878
Frank Miller 6H	39.99501	-81.338668	7846
HOSEY POR 6H-X	40.994945	-81.336777	6200
YODER ANDY A 1H	40.04963	-81.33376	7633
Purple Hayes 1H	39.9975	-81.3317	7571
Hallett 2H	39.902069	-81.331291	7927
Hallett 3H	39.902085	-81.331242	7927
Hallett 1H	39.902052	-81.33124	7913
Hallett 4H	39.902102	-81.331193	7941
Bruce 2H	39.902145	-81.331064	7839

14215320	118413615.6	134562165.4	87.99919
21477876	178910707.1	192848068.4	92.77288
6959707	57974359.31	63976768.49	90.61783
5988150	49881289.5	58374826.8	85.45
6644602	55349534.66	62848562.26	88.0681
12038073	100277148.1	112717965.2	88.96288
14900437	124120640.2	140074431.6	88.61049
12032360	100229558.8	117600643.9	85.22875
14094681	117408692.7	132017706.1	88.93405
10995222	91590199.26	100971479.6	90.70898
12452706	103731041	114355867.5	90.70898
16704748	139150550.8	153876450.2	90.43005
17215962	143408963.5	158749973.5	90.33637
14275274	118913032.4	134337746.2	88.51796
20990909	174854272	205924100.2	84.912
17032566	141881274.8	160399673.8	88.45484
22273848	185541153.8	219399680.4	84.56765
19973252	166377189.2	185185972.9	89.8433
15624042	130148269.9	147794723.4	88.06016
14715834	122582897.2	141337312.7	86.73074
7063138	58835939.54	65416135.53	89.94102
10264796	85505750.68	94517012.06	90.46599
9744008	81167586.64	89820866	90.36607
13799504	114949868.3	126606475.9	90.79304
45528	379248.24	476773.9783	79.54466
15646428	130334745.2	143684501	90.70898
8454726	70427867.58	84993521.9	82.86263
11943360	99488188.8	110585806.2	89.9647
14223300	118480089	130615611.6	90.70898
9834170	81918636.1	92311789.73	88.74125
9522702	79324107.66	87449012.94	90.70898
11942418	99480341.94	110326042.9	90.16941
11339380	94457035.4	104181446.2	90.66589
11733992	97744153.36	107453902.9	90.9638
13780175	114788857.8	128232438.9	89.51624
20146567	167820903.1	187506078.8	89.50158
21345837	177810822.2	197926927.6	89.8366
12586182	104842896.1	116498436.5	89.99511
11608970	96702720.1	113288708.1	0
17643099	146967014.7	162197094.8	90.61014
11714178	97579102.74	108615465.9	89.83905
1119850	9328350.5	11194043.24	83.333165
9877242	82277425.86	94002509.24	87.52684
8145799	67854505.67	78027729.88	86.96204
8005851	66688738.83	76478586.83	87.19923
12645822	105339697.3	117370371.6	89.74982
11894064	99077553.12	111810234.3	88.61224
17401533	144954769.9	160491893.8	90.31906
12957462	107935658.5	122920629.7	87.80923
12791394	106552312	121379469.7	87.78446
12516672	104263877.8	118902919.9	87.68824
8590890	71562113.7	82391258.15	86.85644
8310750	69228547.5	79615175.09	86.95396
8188061	68206548.13	78141246.48	87.28623
6415458	53440765.14	64006703.77	83.49245
8277696	68953207.68	80192816.29	85.98427
29811410	248329045.3	273316154.8	0
8852860	73744323.8	81868031.23	90.07707
8890342	74056548.86	82173836.57	90.12181
8926314	74356195.62	82698010.05	89.91292
8813336	73415088.88	81800407.78	89.74905
14128246	117688289.2	130470959.7	90.20267

0.3

201742.0944	7147.000291	0
178156.9026	6147.398592	0
6726.288722	2683.895813	0
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127	4/20/2015	2015
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Antero Resources Corporation
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 Antero Resources Corporation
 CHESAPEAKE EXPLORATION LLC
 Eclipse Resources I, LP
 American Energy Utica
 American Energy Utica
 American Energy Utica
 American Energy Utica
 Antero Resources Corporation
 ANTERO RES APPALACHIAN CORP
 Antero Resources Corporation
 Antero Resources Corporation
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 Antero Resources Corporation
 Chevron USA Inc.
 Chesapeake Operating, Inc.
 Eclipse Resources I, LP
 Antero Resources Corporation
 Eclipse Resources I, LP
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 Eclipse Resources I, LP
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 Eclipse Resources I, LP
 Chesapeake Operating, Inc.
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 Carrizo Oil & Gas, Inc.
 Chesapeake Operating, Inc.
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 Chesapeake Operating, Inc.
 Antero Resources Corporation
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 ANTERO RES APPALACHIAN CORP
 Eclipse Resources I, LP
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 ANTERO RES APPALACHIAN CORP
 ANTERO RES APPALACHIAN CORP
 ANTERO RES APPALACHIAN CORP

Bruce 3H	39.902162	-81.331015	7853
Barto 1H	39.818348	-81.329505	8180
Barto 2H	39.818326	-81.32946	8188
Dailey 1H	39.818186	-81.329447	8346
Kahrig 3H	39.818257	-81.329328	8212
GRIBI 1-9-1 3H	40.573343	-81.32834	6870
YODER ANDY A 5H	40.05067	-81.32834	7644
Caston LND GR 2H	40.134322	-81.327842	7535
Caston LND GR 4H	40.134218	-81.327774	7532
Caston LND GR 6H	40.134201	-81.327706	7539
Caston LND GR 8H	40.134184	-81.327639	7552
Carl Unit 3H	39.908079	-81.324934	7742
DOLLISON UNIT 1H	39.908149	-81.324933	7728
Carl Unit 1H	39.907997	-81.324929	7730
Carl Unit 2H	39.907955	-81.324926	7769
Ervin Unit 1H	39.907914	-81.324923	7858
Ervin Unit 2H	39.907873	-81.32492	7833
Ervin Unit 3H	39.907832	-81.324918	7843
Ervin 4H	39.907791	-81.324915	7837
Gooding 1-35HD	40.28182	-81.32464	6977
Gooding 6-35HD	40.28181	-81.32451	7049
Hayes Unit 2H	39.98015	-81.32279	7705
Siberian 1H	39.822685	-81.318801	8303
Pora, Treatment 30 4H	39.981515	-81.318785	7972
Pora, Treatment 31 6H	39.98157	-81.318784	7842
Pora 2H	39.98157	-81.318784	7908
Siberian 2H	39.822659	-81.31876	8306
Siberian 3H	39.822632	-81.318718	8315
Siberian 4H	39.822606	-81.318677	8322
YODER ANDY A 3H	40.03288	-81.31811	7635
CONKLIN 34-13-7 4H	40.349383	-81.316362	7098
Dollison Unit 2H	39.913533	-81.314743	7732
Dollison Unit 2H	39.913533	-81.314743	7732
Dollison Unit 3H	39.913533	-81.31469	7744
Dollison Unit 4H	39.913532	-81.314637	7736
Grissom 1H	39.913532	-81.314582	7891
Grissom 2H	39.913531	-81.314529	7901
Grissom 3H	39.913531	-81.314475	7899
Grissom 4H	39.913531	-81.314422	7901
HD MCCLAIN 28-9-7 1H	40.01109	-81.313824	7695
HD MCCLAIN 28-9-7 2H	40.011074	-81.313756	7702
HD MCCLAIN 28-9-7 8H	40.011001	-81.313747	7789
HD MCCLAIN 28-9-7 3H	40.011059	-81.313687	7725
HD MCCLAIN 28-9-7 9H	40.010985	-81.313679	7817
HD MCCLAIN 28-9-7 5H	40.011043	-81.313619	7754
HD MCCLAIN 28-9-7 10H	40.010969	-81.31361	7808
HD MCCLAIN 28-9-7 7H	40.011027	-81.31355	7721
Wagler 2H	40.16607	-81.31203	7653
Miller 1-25H	40.128489	-81.311095	7568
Miller 2-25H	40.12853	-81.311093	7572
Miller 3-25H	40.128571	-81.311091	7594
CARPENTER D K UNIT 1H	39.85214	-81.30564	8391
Ripley 3-26H	40.144606	-81.305407	7574
Ripley 4-26H	40.144627	-81.305407	7536
GARY UNIT 2H	39.818256	-81.30433	8107
YODER ANDY D 2H	40.01817	-81.30266	7766
MAHONEY UNIT 1H	39.90654	-81.30231	8099
Franklin 2H	39.832826	-81.302247	8082
Franklin 3H	39.832842	-81.302198	8092
ET RUBEL UNIT 2H	39.832881	-81.302127	0
ET RUBEL UNIT 3H	39.832883	-81.302074	0
ET RUBEL UNIT 1H	39.832885	-81.30202	7859

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8295.733149	7474.387098	0
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HARRISON	3.40672E+13
HARRISON	3.40672E+13
NOBLE	3.41212E+13
GUERNSEY	3.40592E+13
MONROE	3.41112E+13
MONROE	3.41112E+13
MONROE	3.41112E+12
GUERNSEY	3.4059E+13
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GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
HARRISON	3.40672E+13

Eclipse Resources I, LP
 Chevron USA Inc.
 Chevron USA Inc.
 Antero Resources Corporation
 Eclipse Resources I, LP
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 American Energy Utica
 American Energy Utica
 American Energy Utica
 American Energy Utica
 American Energy Utica
 American Energy Utica
 Gulfport Energy Corporation
 GULFPORT ENERGY CORPORATION
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 GULFPORT ENERGY CORPORATION
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 GULFPORT ENERGY CORPORATION
 R E GAS DEVELOPMENT LLC
 R E GAS DEVELOPMENT LLC
 R E GAS DEVELOPMENT LLC
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 CHESAPEAKE EXPLORATION LLC
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 CHEVRON APPALACHIA LLC
 CHEVRON APPALACHIA LLC
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 HESS CORPORATION
 Eclipse Resources I, LP
 Eclipse Resources I, LP
 Eclipse Resources I, LP
 Eclipse Resources I, LP
 Antero Resources Corporation
 Eclipse Resources I, LP
 Eclipse Resources I, LP
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 Antero Resources Corporation
 Eclipse Resources I, LP
 HESS CORPORATION
 Antero Resources Corporation
 R E GAS DEVELOPMENT LLC
 Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 HESS OHIO DEVELOPMENTS LLC
 HESS OHIO DEVELOPMENTS LLC
 Chevron USA Inc.

YODER ANDY D 4H	40.01922	-81.3003	7765
E. Clark South 5-25HD	40.224488	-81.299914	7443
E. Clark South 7-25HD	40.224633	-81.299865	7557
MAHONEY UNIT 2H	39.90793	-81.29916	8108
YODER ANDY D 6H	40.02027	-81.29793	7769
Dimmerling 1H	39.773842	-81.297867	8236
Dimmerling 2H	39.773856	-81.297817	8242
Dimmerling 3H	39.773872	-81.297767	8249
Lake W LND GR 2H	40.14839	-81.297534	7703
Lake LND GR 4H	40.148336	-81.297522	7714
Lake E LND GR 6H	40.148281	-81.297509	7712
Lawson LND GR 4H	40.127766	-81.296376	7586
Lawson LND GR 6H	40.12771	-81.296367	7479
Lawson LND GR 2H	40.127817	-81.296364	7576
Karen 4-23H	40.025391	-81.289863	7708
Karen 4-23H	40.025391	-81.289863	7708
Karen 2-23H	40.025321	-81.289807	7708
Karen 2-23H	40.025321	-81.289807	7708
Karen 3-23H	40.025286	-81.28978	7703
Karen 1-23H	40.025285	-81.289779	7725
Karen 1-23H	40.025285	-81.289779	7725
GUERNSEY 1H	39.946232	-81.287208	8170
GUERNSEY 2H	39.946194	-81.287191	8169
NOBLE UNIT 1H	39.946155	-81.28717	8202
Monroe Farms 1H	39.849355	-81.287008	8397
Monroe Farms 2H	39.849315	-81.286993	8380
Monroe Farms 3H	39.849276	-81.286977	8364
Monroe Farms 4H	39.849237	-81.286962	8353
Monroe Farms 5HA	39.849197	-81.286947	8355
Biedenbach 1H	39.826545	-81.284693	8504
Biedenbach 3H	39.826477	-81.284634	8531
Biedenbach 4H	39.826443	-81.284605	8547
Biedenbach 2H	39.826511	-81.2845	8512
DREVON 29-18-7 8H	40.740609	-81.283315	6885
Roxie 2H	39.778278	-81.282658	8288
Roxie 3H	39.778271	-81.282605	8301
LORADITCH UNIT 1H	39.85205	-81.28127	8449
KINSEY 2-24HD	40.288475	-81.28049	7184
KINSEY 1-24 HD	40.288524	-81.280399	7188
YOCKEY 18-9-7 3H	40.031044	-81.279004	7789
YOCKEY 18-9-7 3H	40.031044	-81.279004	7789
YOCKEY 18-9-7 7H	40.031116	-81.278897	7803
Cnxgue10n7w 3H-8	40.0709	-81.27888	7983
Borton C 8H	40.053298	-81.278753	8061
Borton C 6H	40.053243	-81.278743	8010
Borton B 4H	40.05319	-81.278737	8024
Borton A 2H	40.053133	-81.278727	8030
LORADITCH UNIT 2H	39.85287	-81.27858	8457
Weekender 2H	40.053752	-81.277864	8099
Weekender Unit 8H	40.053753	-81.277864	8123
Weekender Unit 6H	40.0537	-81.2778	8119
LORADITCH UNIT 3H	39.85372	-81.2758	8464
Weekender Unit 4H	40.04919	-81.27524	8104
Cnxgue 10n7w 1H-8	40.07115	-81.27494	8018
LORADITCH UNIT 4H	39.85466	-81.27322	8472
J ANDERSON 2H	39.975039	-81.269438	8023
J Bar J OXF GR 2H	40.031581	-81.267343	7772
J Bar J OXF GR 4H	40.03158	-81.267272	7783
J Bar J OXF GR 6H	40.031579	-81.2672	7785
CNXGUE 10N7W 2H-8	40.057896	-81.266868	7999
CNXGUE 10N7W 4H-8	40.057922	-81.266796	8006
Wagner 1-18HD	40.387658	-81.262564	6983

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262	8/9/2015	2015
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GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
Noble	3.41212E+13
Noble	3.41212E+13
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Noble	3.41212E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
GUERNSEY	3.40592E+13
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GUERNSEY	3.40592E+13
Monroe	3.41112E+13
Monroe	3.41112E+13
Monroe	3.41112E+13
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CARROLL	3.40192E+13
MONROE	3.41112E+13
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Guernsey	3.40592E+13
CARROLL	3.40192E+13
Belmont	3.40132E+13
Belmont	3.40132E+13
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HARRISON	3.40672E+13
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BELMONT	3.40132E+13
BELMONT	3.40132E+13
HARRISON	3.40672E+13
HARRISON	3.40672E+13

Chevron USA Inc.
 Carrizo Oil & Gas, Inc.
 Rex Energy
 Rex Energy
 Rex Energy
 Rex Energy
 Rex Energy
 Rex Energy
 Gulfport Energy Corporation
 Gulfport Energy Corporation
 Gulfport Energy Corporation
 Gulfport Energy Corporation
 Gulfport Energy Corporation
 Gulfport Energy Corporation
 Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 CNX GAS COMPANY LLC
 Ascent Resources - Utica, LLC
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 CHESAPEAKE EXPLORATION LLC
 HALL DRILLING LLC (OIL & GAS)
 Hall & Ross Resources
 Hall & Ross Resources
 Hall & Ross Resources
 Hall & Ross Resources
 Antero Resources Corporation
 Hall & Ross Resources
 Hall & Ross Resources
 Antero Resources Corporation
 Antero Resources Corporation
 Antero Resources Corporation
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 Antero Resources Corporation
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 Eclipse Resources I, LP
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 CHESAPEAKE EXPLORATION LLC
 Gulfport Energy Corporation
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 GULFPORT ENERGY CORPORATION
 Hess Corporation
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 GULFPORT ENERGY CORPORATION

Wagner 2-18HD	40.387658	-81.26251	6996
Wagler 1H	40.166067	-81.26228	7645
J. Hall 2H	39.991601	-81.260164	8156
J. Hall 4H	39.991634	-81.260113	8174
J. Hall 6H	39.991664	-81.260095	8140
J. Hall 8H	39.991696	-81.260095	8241
J. Hall 10H	39.991729	-81.26003	8208
J. Hall 12H	39.991759	-81.259993	8207
Gulfport Brown 1A	39.90437	-81.2596	8191
Gulfport Brown 1A	39.90437	-81.2596	8191
Gulfport Brown 2B	39.904329	-81.259585	8368
Gulfport Brown 2B	39.904329	-81.259585	8368
Gulfport Brown 3C	39.904289	-81.259572	8398
Gulfport Brown 3C	39.904289	-81.259572	8398
Coad OXF GR 6H	40.036339	-81.258129	8035
Coad OXF GR 4H	40.036194	-81.258089	8018
Coad OXF GR 2H	40.03619	-81.25808	7998
ASHER PORT2AHSU	41.102992	-81.256782	6035
Coad OXF GR 8H	40.0351	-81.2561	8037
Clara 1H	39.809542	-81.255401	8591
Clara 2H	39.809525	-81.255352	8606
Clara 3H	39.809508	-81.255303	8617
Clara 4H	39.809491	-81.255258	8627
OTT 13-16-7 10H	40.570985	-81.252609	7004
WOLF PEN 3H	39.7074	-81.250071	0
Hercher North 1H	39.674693	-81.245749	8776
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Hercher North 2HA	39.674693	-81.245744	8783
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Delong 4H	39.846913	-81.245705	8387
Hercher South 1H	39.6746	-81.2457	8964
Hercher South 2H	39.6747	-81.2457	8960
Delong 3H	39.846946	-81.245673	8390
Delong 2H	39.846979	-81.245641	8381
Delong 1H	39.847012	-81.24561	8378
Milliken 3-4H	40.174824	-81.239912	7812
Milliken 2-4H	40.174803	-81.239867	7782
MILLIKEN 1-4H	40.174826	-81.239784	7830
Layton 1H	39.852628	-81.237318	8562
Layton 2H	39.852666	-81.237298	8570
Layton 3H	39.852703	-81.237277	8576
Layton 4H	39.852741	-81.237256	8586
Wheeler 9H	40.039234	-81.23599	7997
Wheeler 1H	40.039429	-81.235118	7942
Wheeler 3H	40.039381	-81.235085	7983
Wheeler 5H	40.039331	-81.235052	7983
Wheeler 7H	40.039282	-81.235021	7980
Wheeler 7H	40.039282	-81.235021	7980
WHITACRE 26-17-7 8H	40.663152	-81.231314	7073
Gulfport Francis 1A	39.88526	-81.23034	8608
Gulfport Francis 3A	39.88526	-81.230339	8525
Gulfport Francis 2B	39.88522	-81.23033	8620
CLAY 1-4H	40.173399	-81.227039	7806
Kirkwood A 1H-33	40.06086	-81.2187	8162
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McCort 3-28H	39.919701	-81.215152	8521
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Kirkwood A 2H-33	40.06077	-81.21404	8215
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Vozar 1A	40.197371	-81.208888	7980
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GULFPORT ENERGY CORPORATION
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 Hess Corporation
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 Discovery Oil and Gas, LLC
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 RHDK Oil & Gas, LLC
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 American Energy Utica
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 Ascent Resources - Utica, LLC
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 CHESAPEAKE EXPLORATION LLC
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 GULFPORT ENERGY CORPORATION
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 CHESAPEAKE EXPLORATION LLC
 Ascent Resources - Utica, LLC
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 Antero Resources Corporation
 Gulfport Energy Corporation
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 GULFPORT ENERGY CORPORATION

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Davidson 2-36H	40.210188	-81.208822	7868
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Bolton 2-29 H	39.938465	-81.207487	8716
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Bolton 3-29 H	39.93844	-81.207445	8717
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Bolton 1-29 H	39.938439	-81.207145	8710
Bolton 1-29 H	39.938439	-81.207145	8710
Bahmer 1-30H	39.948488	-81.2047	8624
Bahmer 2-30H	39.948526	-81.204692	8639
Bahmer 3-30H	39.948568	-81.204684	8668
McLaughlin 210272 4B	39.904818	-81.203413	8739
McLaughlin 210272 3A	39.904785	-81.203381	8721
McLaughlin 210168 2B	39.904752	-81.20335	8702
McLaughlin 210168 5A	39.904686	-81.203286	8687
RYSER 4-25H	40.215772	-81.20184	7949
RYSER 3-25H	40.215625	-81.200804	7909
Warren Bel A 3H-21	39.983966	-81.195915	8866
Warren Bel A 1H-21	39.984674	-81.195798	8483
Warren Bel A 2H-21	39.984689	-81.195773	8867
Warren Bel A 5H-21	39.984714	-81.19572	8563
Matlock #1	41.365978	-81.189121	4318
Schmitt #1	41.369806	-81.186579	4318
GUSTINA-BEAR 1-23H	40.190584	-81.186526	8143
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GUSTINA-BEAR 2-23H	40.190609	-81.186482	8178
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J Patterson 3	40.29595	-81.18543	6108
J Patterson 3	40.29595	-81.18543	6108
RH Tarbert MRF HR 3H	40.201522	-81.179269	8030
RH Tarbert MRF HR 1H	40.201522	-81.179269	8041
RH Tarbert MRF HR 5H	40.201548	-81.179129	8023
RH Hamilton N MRF HR 1H	40.224673	-81.178851	8005
RH Hamilton N MRF HR 3H	40.22472	-81.178818	8019
RH Hamilton N MRF HR 5H	40.224769	-81.178781	8008
RH Hamilton S MRF HR 2H	40.224672	-81.178769	8157
RH Hamilton N MRF HR 7H	40.224818	-81.178748	8022
RH Hamilton S MRF HR 4H	40.224719	-81.178734	8113
RH Hamilton S MRF HR 6H	40.224767	-81.178699	8149
RH Hamilton s MRF HR 8H	40.224815	-81.178664	8159
RH Hamilton S MRF HR 10H	40.224863	-81.178629	8161
MORSHEISER 26-15-6 10H	40.57911	-81.17704	7382
MORSHEISER 26-15-6 5H	40.579165	-81.177003	7298
Inherst 3-14H	39.889393	-81.176901	8861
Inherst 2-14H	39.88939	-81.176851	8877
Inherst 1-14H	39.889389	-81.176797	8998
GARTRELL 23-13-6 8H	40.451344	-81.176426	8371
RHF Pettay S NTG HR 2H	40.23903	-81.174967	8012
RHF Pettay S NTG HR 4H	40.23898	-81.174939	8001
RHF Pettay S NTG HR 6H	40.23893	-81.174908	8018
RHF Pettay S NTG HR 8H	40.23888	-81.17488	8021
RHF Perray S NTG HR 10H	40.239107	-81.174872	8034
Horseshoe 1H	40.120397	-81.174021	8247
Michaels 1-23H	40.194216	-81.171423	8311
Michaels 1-23H	40.194216	-81.171423	8311
Stutzman 3-14H	39.890401	-81.170869	8900
Stutzman 3-14H	39.890401	-81.170869	8900
Amanda 1-14H	39.889427	-81.170603	8916
Amanda 4-14H	39.889374	-81.170304	8861

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14209233	118362910.9	132523512	89.31465
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9.9

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 American Energy - Utica, LLC
 RHDK Oil & Gas, LLC
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 CHESAPEAKE EXPLORATION LLC
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 CHESAPEAKE EXPLORATION LLC
 Hess Corporation
 Hess Corporation
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.

KIDD 21-12-6 3H	40.344541	-81.169883	7646
KIDD 21-12-6 5H	40.344505	-81.16983	7656
BURDETTE 19-12-6 10H	40.314622	-81.167819	8015
BK STEPHENS 2-16H	40.185397	-81.167776	8106
N Jones NTG HR 1H	40.254008	-81.167718	7883
N Jones NTG HR3H	40.254015	-81.167647	7960
Jones N NTG HR 5H	40.254023	-81.167576	7960
N Jones NTG HR7H	40.254031	-81.167505	7880
N Jones NTG HR9H	40.254105	-81.16726	7883
DELMAR 24-13-6 6H	40.473764	-81.165607	0
DELMAR 24-13-6 7H	40.47373	-81.16555	7651
DELMAR 24-13-6 2H	40.473696	-81.165494	7568
HELMAR 24-13-6 3H	40.473662	-81.165437	7568
DELMAR 24-13-6 4H	40.473628	-81.165381	7573
DELMAR 24-13-6 5H	40.473594	-81.165325	7561
Puskarich 3-18H	40.203295	-81.162827	8146
Puskarich 1-18H	40.203365	-81.162676	8165
Wesley 2-8H	39.892589	-81.158752	9035
RH BSA N NTG HR 9H	40.259222	-81.153272	7945
RH BSA N NTG HR 7H	40.259169	-81.153252	7937
RH BSA N NTG HR 5H	40.258376	-81.153243	7934
RH BSA N NTG HR 3H	40.259064	-81.153204	7932
RH BSA N NTG HR 1H	40.259012	-81.153183	7913
RH BSA S NTG HR 8H	40.259215	-81.153183	8054
RH BSA S NTG HR 6H	40.259163	-81.153162	8015
RH BSA S NTG HR 4H	40.25911	-81.153138	8002
RH BSA S NTG HR 2H	40.259058	-81.153114	7986
Shugert 4-12H	40.03262	-81.145849	8439
Shugert 4-12H	40.03262	-81.145849	8439
Shugert 2-12H	40.032653	-81.145813	8461
Shugert 3-12H	40.032737	-81.145722	8444
Shugert 3-12H	40.032737	-81.145722	8444
Cattle 1A	40.035641	-81.144722	8766
Cattle 2B	40.035663	-81.144676	8785
Cattle 3C	40.035684	-81.14463	8774
Clark 210128 6A	39.892948	-81.144327	8953
Clark 210128 5B	39.892964	-81.144278	8957
Clark 210128 3D	39.892997	-81.14418	8972
ADDY 9-12-6 1H	40.341898	-81.143105	7773
ADDY 9-12-6 3H	40.341933	-81.143039	7774
ADDY 9-12-6 5H	40.341878	-81.14303	7765
WILLIAM DENOON 17-12-6 4H	40.370714	-81.142568	7937
WILLIAM DENOON 17-12-6 3H	40.370769	-81.142563	7899
WILLIAM DENOON 17-12-6 2H	40.370824	-81.142558	7916
WILLIAM DENOON 17-12-6 1H	40.370878	-81.142553	7865
EDIE 17-13-6 6H	40.448169	-81.142374	7890
Clark 210128 4C	39.892981	-81.14229	8966
JAMAR 15-13-6 201H	40.43098	-81.14217	7598
JAMAR 15-13-6 101H	40.431024	-81.142127	7595
JAMAR 15-13-6 1H	40.431068	-81.142085	7641
JAMAR 15-13-6 2H	40.431112	-81.142042	7622
JAMAR 15-13-6 3H	40.431156	-81.141999	7642
JAMAR 15-13-6 4H	40.4312	-81.141956	7628
CUMMINGS 17-14-6 10H	40.535942	-81.140828	7659
CUMMINGS 17-14-6 10H	40.535942	-81.140828	7659
Athens E 4H-11	40.183678	-81.140727	8808
Athens E 5H-11	40.18421	-81.140558	8812
DEMIS 12-12-6 1H	40.378693	-81.140074	7907
BAUER 14-14-6 6H	40.494946	-81.140031	7800
BAUER 14-14-6 8H	40.495	-81.140019	7774
BAUER 14-14-6 10H	40.495054	-81.140006	7770
DEMIS 12-12-6 2H	40.378688	-81.140003	7908

4537336	37796008.88	48438102.1	78.0295
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5544252	46183619.16	64803643.59	71.26701
7102956	59167623.48	106650856.4	55.47787
8771725	73068469.25	81092112.06	90.10552
8993572	74916454.76	84775756.56	88.37014
7964544	66344651.52	74768639.76	88.73326
8463915	70504411.95	79841093.27	88.30592
8174309	68091993.97	76250235.41	89.3007
5893860	49095853.8	73978109.97	66.36538
12257112	102101743	134023183.9	76.18215
6941970	57826610.1	85204579.75	67.86796
5722416	47667725.28	70566946.36	67.54965
6005790	50028230.7	69748377.91	71.72673
8870946	73894980.18	112335299.7	65.78073
11424512	95166184.96	106731288.5	89.16428
9517016	79276743.28	88430927.15	89.64821
17423834	145140537.2	158126536.7	91.78759
7537320	62785875.6	64285554.74	97.66716
10423770	86830004.1	88201430.5	98.44512
11770164	98045466.12	109452251.4	89.5783
10697736	89112140.88	100850903.7	88.36028
7783986	64840603.38	73422878.87	88.31117
8832936	73578356.88	74918491.36	98.21121
11770164	98045466.12	99349930.71	98.687
7829429	65219143.57	66374977.52	98.25863
8099364	67467702.12	76406636.81	88.30084
13727055	114346368.2	128721727.5	88.83222
13727055	114346368.2	128721727.5	88.83222
12983447	108152113.5	121872989	88.74166
13670004	113871133.3	128917654.2	88.32858
13670004	113871133.3	128917654.2	88.32858
12357382	102936992.1	115439286.1	0
14706930	122508726.9	137232636	0
14584542	121489234.9	136205213.9	0
9019080	75128936.4	87005047.01	86.35009
8704206	72506035.98	84044681.6	86.27082
8472576	70576558.08	82047991.32	86.01863
3773364	31432122.12	37992187.55	82.73312
4304958	35860300.14	45041376.73	79.61635
4826472	40204511.76	53915866.57	74.56898
7850262	65392682.46	81630040.3	80.1086
7937622	66120391.26	81700274.04	80.93044
7121436	59321561.88	73277631.13	80.95453
7109760	59224300.8	72489352.05	81.70069
3568404	29724805.32	35878983.92	82.8474
8497776	70786474.08	82114087.87	86.20503
10949820	91212000.6	111893609.8	81.51672
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10567788	88029674.04	107125710.3	82.17418
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10007298	83360792.34	103750776.9	80.34715
10795848	89929413.84	110487584.6	81.39323
5123218	42676405.94	57292171.78	74.48907
5123218	42676405.94	57292171.78	74.48907
9211124	76728662.92	86250105.29	0
10318768	85955337.44	96762128.7	0
22705410	189136065.3	217297344.9	87.04021
12113472	100905221.8	123992471.1	81.38012
13129872	109371833.8	132071760	82.81243
13036044	108590246.5	134690204.6	80.62223
10688874	89038320.42	108644463.2	81.95385

7.4	9367.559606	3357.491891	0
6.0	13290.78881	3669.183269	0
	7872.665782	5822.011183	0
	9603.536343	23619.59723	0
	25013.24107	0	0
	26448.66904	0	0
	50782.06384	3613.714159	0
	22520.26021	0	0
	25153.15316	0	0
16.0	8878.760286	6122.572639	0
14.7	12372.63502	5518.565423	0
12.5	8252.777137	7873.290849	0
14.7	8727.557621	5855.034805	0
12.0	8793.741221	5282.906051	0
16.5	8152.080021	9426.420086	0
	11257.35191	5590.120613	0
	14273.54752	4351.95564	2691.95823
	34819.26178	0	0
	20427.23323	0	0
	20427.78206	0	0
	20427.33637	4982.315737	0
	20427.62536	5144.616384	0
	20426.97546	3557.243032	0
	20427.02488	0	0
	19940.55191	0	0
	17995.9556	0	0
	16050.37926	3970.191998	0
	21227.7897	6876.475585	0
	21227.7897	6876.475585	0
	19937.05602	6728.918498	0
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	21711.73119	7209.34595	0
	7923.492858	0	0
	9387.288679	0	0
	9428.346241	0	0
	10912.98432	5781.363567	923.399303
	10635.44894	5609.944676	1287.229262
	10944.8718	5580.658226	917.717992
1.0	4781.108796	2878.329921	6441.822453
1.8	6432.621376	3919.01866	7485.347637
7.3	8012.741556	4541.727027	9588.081729
0.9	13265.8509	7070.214517	0
0.3	13261.36381	7227.287942	0
	7632.839875	6685.224541	0
0.1	5285.887307	6366.26861	0
	4851.286216	2988.037659	0
	10409.25393	5503.290275	1258.964894
0.8	10376.15459	9476.840472	0
1.3	7378.596236	9387.814008	0
1.3	9364.134189	8451.640067	18766.37267
0.7	12003.41947	9395.907556	35213.90298
1.2	7678.532748	9244.183846	0
1.5	2335.295972	9202.433578	0
9.9	14329.12164	3995.163608	26525.79262
9.9	14329.12164	3995.163608	26525.79262
	18232.29763	0	0
	18414.25159	0	0
3.7	45065.81787	9543.46036	0
2.3	13925.79282	9239.255586	0
1.0	21507.78375	10510.01972	0
3.2	6570.99632	10192.40512	0
0.0	4997.251472	8865.491411	0

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TABLE 1

TABLE 1	TABLE 1
TABLE 1	TABLE 1

TABLE 2

TABLE 2	TABLE 2
TABLE 2	TABLE 2

433 9/26/2014	2014
434 5/11/2015	2015
435 4/24/2015	2015
436 04/13/2015	2016
437 04/13/2015	2016
438 06/19/2015	2016
439 2/25/2014	2014
440 3/3/2014	2014
441 3/8/2014	2014
442 3/11/2014	2014
443 01/30/2015	2016
444 01/30/2015	2016
445 01/30/2015	2016
446 4/17/2015	2015
447 4/17/2015	2015
448 5/5/2015	2015
449 5/4/2015	2015
450 3/19/2012	2012
451 3/19/2012	2012
452 1/9/2013	2013
453 12/21/2012	2012
454 11/30/2012	2012
455 6/6/2012	2012
456 12/21/2012	2012
457 6/27/2011	2011
458 2/8/2012	2012
459 2/8/2012	2012
460 5/30/2014	2014
461 6/7/2014	2014
462 6/3/2014	2014
463 5/24/2014	2014
464 5/19/2014	2014
465 5/27/2014	2014
466 5/12/2014	2014
467 9/18/2012	2012
468 5/25/2012	2012
469 10/30/2012	2012
470 02/27/2015	2016
471 02/27/2015	2016
472 02/27/2015	2016
473 6/24/2014	2014
474 12/30/2014	2014
475 12/16/2014	2014
476 12/18/2014	2014
477 10/16/2014	2014
478 7/3/2013	0
479 7/3/2013	0
480 7/3/2013	0
481 3/11/2015	2015
482 2/22/2015	2015
483 3/2/2015	2015
484 2/6/2015	2015
485 1/26/2015	2015
486 8/16/2014	2014
487 8/4/2014	2014
488 8/5/2014	2014
489 8/17/2014	2014
490	2016
491 09/23/2015	2016
492 09/23/2015	2016
493 09/23/2015	2016
494 09/30/2015	2016

Carroll	3.40192E+13
HARRISON	3.40672E+13
HARRISON	3.40672E+13
Harrison	3.40672E+13
Harrison	3.40672E+13
Harrison	3.40672E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
Belmont	3.40132E+13
Belmont	3.40132E+13
Belmont	3.40132E+13
Carroll	3.40192E+13
Carroll	3.40192E+13
Carroll	3.40192E+13
Carroll	3.40192E+13
HARRISON	3.40672E+13
HARRISON	3.40672E+13
CARROLL	3.40192E+13
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CARROLL	3.40192E+13
HARRISON	3.40672E+13
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CARROLL	3.40192E+13
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CARROLL	3.40192E+13
Carroll	3.40192E+13
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Carroll	3.40192E+13
BELMONT	3.40132E+13
HARRISON	3.40672E+13
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HARRISON	3.40672E+13
BELMONT	3.40132E+13
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BELMONT	3.40132E+13
Carroll	3.40192E+13
Belmont	3.40132E+13
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Belmont	3.40132E+13

Chesapeake Operating, Inc.
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 Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
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 Gulfport Energy Corporation
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 CHESAPEAKE EXPLORATION LLC
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 Rex Energy
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BAUER 14-14-6 210H	40.495108	-81.139994	7788
DEMIS 12-12-6 3H	40.378683	-81.139931	7903
DEMIS 12-12-6 4H	40.378679	-81.13986	7902
Corder W NTG HR 4H	40.264922	-81.135917	8105
Corder W NTG HR 2H	40.264868	-81.135912	8118
Corder E NTG HR 6H-A	40.264813	-81.135908	8110
MARSHA 18-14-6 6H	40.553999	-81.134796	7494
MARSHA 18-14-6 3H	40.554067	-81.134687	7427
MARSHA 18-14-6 10H	40.553998	-81.134652	8203
MARSHA 18-14-6 5H	40.554066	-81.134615	7435
Jade 3A	40.04118	-81.133893	8790
Jade 2B	40.041159	-81.133847	8793
Jade 1C	40.041139	-81.133801	8783
SAUERS 8-14-6 6H	40.501969	-81.131611	7761
SAUERS 8-14-6 8H	40.502022	-81.131592	7766
SAUERS 8-14-6 10H	40.502075	-81.131573	7804
SAUERS 8-14-6 210H	40.502128	-81.131554	7820
HENDERSON SOUTH 10-12-6 1H	40.351486	-81.131342	7943
HENDERSON SOUTH 10-12-6 5H	40.351527	-81.131298	7934
BURGETT 7-15-6 1H	40.563751	-81.129734	0
BURGETT 7-15-6 3H	40.563783	-81.129701	0
BURGETT 7-15-6 10H	40.563818	-81.129672	0
BURGETT 7-15-6 6H	40.563741	-81.129655	7325
BURGETT 7-15-6 5H	40.563851	-81.129642	0
BURGETT 7-15-6 8H-RS	40.563889	-81.129591	7428
STUART HENDERSON 11-12-6 1H	40.361925	-81.128906	7937
STUART HENDERSON 11-12-6 3H	40.361965	-81.128848	7934
VALDINGER 12-12-6 1H	40.382564	-81.128781	7928
VALDINGER 12-12-6 8H	40.382492	-81.128762	8007
VALDINGER 12-12-6 3H	40.382555	-81.128711	7935
VALDINGER 12-12-6 10H	40.382482	-81.128691	8253
VALDINGER 12-12-6 5H	40.382545	-81.12864	7945
VALDINGER 12-12-6 12H	40.382473	-81.12862	8028
VALDINGER 12-12-6 7H	40.382535	-81.128569	7955
RUTLEDGE 10-14-6 1H	40.529757	-81.128484	7579
RUTLEDGE 10-14-6 6H	40.529674	-81.128389	7647
RUTLEDGE 10-14-6 10H	40.529692	-81.12831	7663
GRIFFETH 7-15-6 6H	40.575314	-81.12642	7506
GRIFFETH 7-15-6 1H	40.575242	-81.126316	7386
GRIFFETH 7-15-6 9H	40.575306	-81.126204	7523
Duvall 1-5H	39.927832	-81.125483	9048
TRUSHELL 8-13-6 201H	40.413375	-81.124493	7627
TRUSHELL 8-13-6 1H	40.413338	-81.124439	7620
TRUSHELL 8-13-6 3H	40.413302	-81.124385	8018
TRUSHELL 8-13-6 5H	40.413266	-81.124332	7633
Shugert 3-1H	40.043121	-81.123193	8708
Shugert 2-1H	40.043069	-81.123171	8657
Shugert 4-1H	40.04302	-81.123147	8666
Stronz 6A	39.931988	-81.123097	9015
Stronz 4B	39.932012	-81.122995	9034
Stronz 3B	39.932024	-81.122944	9020
Stronz 2C	39.932036	-81.122893	9032
Stronz 1C	39.932048	-81.122841	9034
Hayes 4-1H	40.044797	-81.120626	8708
Hayes 3-1H	40.0448	-81.120573	8726
Hayes 2-1H	40.044801	-81.120522	8748
Hayes 1-1H	40.044807	-81.120466	8803
Perry 2H	40.63699	-81.11885	7326
Warrick 1A	39.944454	-81.117112	9004
Warrick 2B	39.944488	-81.117082	9020
Warrick 3A	39.944523	-81.117053	9038
Warrick 4A	39.944557	-81.117024	9041

7389144	61551569.52	77837738.59	79.07677
20636616	171903011.3	191939884.5	89.56086
10847928	90363240.24	109730204.3	82.35038
13359066	111281019.8	126805254.5	0
13204380	109992485.4	125628052.3	0
14319774	119283717.4	136158850.5	0
5573316	46425722.28	59352038.32	78.22094
4350990	36243746.7	44369534.43	81.68611
5079816	42314867.28	52379161.8	80.78569
4552590	37923074.7	44889657.81	84.48065
13574778	113077900.7	126855570	0
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11837028	98602443.24	120057133.2	82.1296
17133816	142724687.3	164868106.1	86.56901
11792298	98229842.34	120905425.1	81.24519
4738524	39471904.92	48915751.02	80.69365
3861396	32165428.68	41411881.97	77.67198
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4285008	35694116.64	52741988.79	67.67685
4575949	38117655.17	45769198.78	83.28233
8291304	69066562.32	87930090.28	78.54713
3530520	29409231.6	41989236.14	70.03993
3733758	31102204.14	43133715.78	72.10648
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7578774	63131187.42	79281394.08	79.62926
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6209028	51721203.24	65484400.14	78.98248
4182906	34843606.98	41529385.35	83.90109
4762716	39673424.28	46765087.99	84.83556
3850056	32070966.48	39961784.48	80.25409
182532	1520491.56	1610605.246	0
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12424314	103494535.6	127920714.7	80.90522
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10770270	89716349.1	106911478.1	83.91648
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6498988	54136570.04	93152336.16	58.11617
5562325	46334167.25	88860314.58	52.1427
13023612	108486688	123232336.6	88.03427
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11510016	95878433.28	110064542	87.1111
11023782	91828104.06	103520320.5	88.70539
12319650	102622684.5	116900343	87.78647
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9247185	77029051.05	86144895.25	89.41801
13056618	108761627.9	124144822.6	0
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0.3	774.520621	8936.356339	0
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.	20539.90245	0	1436.466207
.	17103.84161	0	908.168966
.	17558.84453	0	923.724335
7.5	13527.44832	3788.437638	18345.75153
3.6	10148.34633	2937.147818	13591.99043
4.4	12449.27228	3483.923998	15559.62429
0.6	10782.19056	3006.170604	13349.78808
.	8767.98109	0	6971.540214
.	918.325758	0	719.207377
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504 5/12/2014	2014
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540 5/7/2015	2015
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542 5/7/2015	2015
543 2/4/2015	2015
544 2/19/2015	2015
545 3/15/2015	2015
546 3/27/2015	2015
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548 5/18/2015	2015
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551 5/28/2015	2015
552 6/7/2014	2014
553 7/3/2013	0
554 06/02/2015	2016
555 06/02/2015	2016
556 03/23/2016	2016

CARROLL	3.40192E+13
Harrison	3.40672E+13
CARROLL	3.40192E+13
Carroll	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
Carroll	3.40192E+13
Carroll	3.40192E+13
HARRISON	3.40672E+13
HARRISON	3.40672E+13
BELMONT	3.40132E+13
BELMONT	3.40132E+13
HARRISON	3.40672E+13
HARRISON	3.40672E+13
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HARRISON	3.40672E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
BELMONT	3.40132E+13
HARRISON	3.40672E+13
BELMONT	3.40132E+13
CARROLL	3.40192E+13
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HARRISON	3.40672E+13
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HARRISON	3.40672E+13
HARRISON	3.40672E+13
HARRISON	3.40672E+13
BELMONT	3.40132E+13
Carroll	3.40192E+13
Carroll	3.40192E+13
Carroll	3.40192E+13

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BOWLING 23-16-6 10H	40.683099	-81.116349	7498
Athens E 3H-11	40.182457	-81.115008	8796
RAY HAYLEY 5-13-6 1H	40.452081	-81.111573	7820
RAY HAYLEY 5-13-6 6H	40.452029	-81.111547	7889
RAY HAYLEY 5-13-6 8H	40.451976	-81.111522	7873
RAY HAYLEY 5-13-6 3H	40.45213	-81.111501	7824
RAY HAYLEY 5-13-6 5H	40.452078	-81.111476	7837
RAY HAYLEY 5-13-6 10H	40.452027	-81.111451	7976
Mizer Unit 2H	40.31624	-81.11118	8070
Mizer Unit 4H	40.31728	-81.10875	8070
Sandra 1-31H	40.040845	-81.108543	8710
Sandra 2-31H	40.040805	-81.108533	8691
RENSI SOUTH 4-12-6 8H	40.353589	-81.10819	8088
RENSI SOUTH 4-12-6 6H	40.353644	-81.108189	8101
RENSI 4-12-6 1H	40.353699	-81.108188	0
RENSI SOUTH 4-12-6 10H	40.353615	-81.108118	8110
RENSI 4-12-6 5H	40.35367	-81.108117	8052
RENSI 4-12-6 3H	40.353725	-81.108116	0
Mizer Unit 6H	40.31831	-81.10632	8080
DAVIS FARMS 2-14-6 1H	40.500602	-81.105103	0
DAVIS FARMS 2-14-6 3H	40.50056	-81.105057	0
DAVIS FARMS 2-14-6 5H	40.500519	-81.105011	0
DAVIS FARMS 2-14-6 10H	40.500477	-81.104965	0
Family 3-32H	40.056649	-81.103935	8736
Mizer Unit 8H	40.31934	-81.10389	8120
Family 2-32H	40.056668	-81.103888	8755
KOVACH 3-15-6 1H	40.602134	-81.103534	7812
WILLIAM PHILLIPS 1-13-6 1H	40.387515	-81.103253	7972
WILLIAM PHILLIPS 1-13-6 1H	40.387516	-81.103252	7972
WILLIAM PHILLIPS 1-13-6 3H	40.38749	-81.103189	7977
WILLIAM PHILLIPS 1-13-6 3H	40.387492	-81.103187	7977
WILLIAM PHILLIPS 1-13-6 5H	40.387467	-81.103125	7984
WILLIAM PHILLIPS 1-13-6 5H	40.387468	-81.103122	7984
WRIGHT 35-11-5 210H	40.360164	-81.102332	8188
WRIGHT 35-11-5 10H	40.360109	-81.102328	8159
WRIGHT 35-11-5 8H	40.360054	-81.102325	8186
WRIGHT 35-11-5 6H	40.359999	-81.102322	8139
WRIGHT 35-11-5 205H	40.360194	-81.102244	8070
WRIGHT 35-11-5 5H	40.360139	-81.10224	8076
WRIGHT 35-11-5 3H	40.360084	-81.102237	8076
WRIGHT 35-11-5 1H	40.36003	-81.102234	8061
LEGGETT 5-13-6 7H	40.455211	-81.101956	628
LEGGETT 5-13-6 8H	40.455266	-81.101954	7945
LEGGETT 5-13-6 9H	40.455321	-81.101952	7953
LEGGETT 5-13-6 10H	40.455376	-81.10195	7961
R ALAN 3-13-6 6H	40.416952	-81.101949	7954
R ALAN 3-13-6 1H	40.416897	-81.101884	7902
R ALAN 3-13-6 7H	40.416971	-81.101881	7962
LEGGETT 5-13-6 2H	40.455237	-81.101866	7869
LEGGETT 5-13-6 3H	40.455292	-81.101863	7888
LEGGETT 5-13-6 4H	40.455346	-81.101861	7874
LEGGETT 5-13-6 5H	40.455401	-81.101859	7887
R ALAN 3-13-6 2H	40.416916	-81.101817	7898
R ALAN 3-13-6 8H	40.41699	-81.101814	7972
R ALAN 3-13-6 3H	40.416935	-81.101749	7909
R ALAN 3-13-6 9H	40.417009	-81.101747	7978
R ALAN 3-13-6 4H	40.416954	-81.101682	7917
Mizer Unit 10H	40.32038	-81.10147	8090
Family 1-32H	40.056686	-81.100384	8772
Goebeler 1H	40.64386	-81.098198	7483
Goebeler 3H	40.643901	-81.098198	7530
Goebeler 2H	40.644045	-81.098198	7371

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9472764	78908124.12	91421072.6	86.31284
8418988	70130170.04	82257143.25	85.25724
7635329	63602290.57	71677878.78	88.7335
9788044	81534406.52	91858441.01	88.76093
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5088885	42390412.05	53763138.39	78.84661
4803823	40015845.59	50459053.04	79.3036
7721238	64317912.54	76013924.21	84.61333
4072942	33927606.86	43382380.14	78.20596
4122447	34339983.51	41091875.94	83.56879
4753815	39599278.95	55162209.73	71.78697
4365027	36360674.91	46344918.21	78.45666
9568045	79701814.85	149066438.6	53.46731
8790096	73221499.68	85647104.52	85.49209
11825037	98502558.21	170576179.6	57.74696
3727038	31046226.54	44427043.35	69.88137
7628574	63546021.42	81986921.55	77.50751
7118454	59296721.82	76504485.59	77.50751
7567879	63040432.07	82681398.22	76.245
7056588	58781378.04	77095387.29	76.245
6777218	56454225.94	67400812.04	83.75897
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6899214	57470452.62	71404107.31	80.4862
5957070	49622393.1	60982792.06	81.37114
9332904	77743090.32	94493591.27	82.2734
8786064	73187913.12	89808900.16	81.49294
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HARRISON	3.4067E+13
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GULFPORT ENERGY CORPORATION
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 Hess Corporation
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 Eclipse Resources I, LP
 Chesapeake Operating, Inc.
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 Eclipse Resources I, LP
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 Eclipse Resources I, LP
 EdgeMarc Energy Holdings, LLC
 Rex Energy
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 Chesapeake Operating, Inc.
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 CHESAPEAKE EXPLORATION LLC

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Flushing A 2H-27	40.157949	-81.094087	8565
Flushing A 3H-27	40.157968	-81.09404	8577
Flushing A 4H-27	40.158008	-81.093946	8577
Flushing A 5H-27	40.158008	-81.093946	8588
John Mills West 3H	40.314407	-81.08913	8010
BARNHART 36-12-5 106H	40.460835	-81.089111	7984
BARNHART 36-12-5 6H	40.46089	-81.089101	7966
CHESAPEAKE 36-12-5 8H	40.460944	-81.08909	7973
BARNHART 36-12-5 10H	40.460998	-81.08908	7970
YODER NORTH 33-12-5 3H	40.423164	-81.08858	7775
YODER NORTH 33-12-5 1H	40.423115	-81.088547	7770
YODER 33-12-5 6H	40.423066	-81.088514	7843
John Mills West 1H	40.31436	-81.08687	8089
Madzia 4H	40.314454	-81.086733	8163
Madzia 2H	40.314418	-81.086708	8169
Madzia 6H	40.314327	-81.086624	8167
Madzia 10H	40.31428	-81.086585	8185
Madzia 8H	40.314238	-81.086543	8159
MOONRAKER 2-PPH	39.672962	-81.085038	9777
Grunder 2H	40.606587	-81.084578	7520
Grunder 1H	40.606597	-81.084387	7623
Grunder 3H	40.60661	-81.084336	7631
Grunder 6H	40.606673	-81.084303	7650
Grunder 7H	40.606633	-81.084231	7596
Grunder 9H	40.606644	-81.084181	7648
POINSETTIA 36-12-5 6H	40.466181	-81.083092	8000
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MITCHELL 34-13-5 6H	40.520686	-81.082682	7802
MITCHELL 34-13-5 8H	40.520717	-81.082622	7822
MITCHELL 34-13-5 10H	40.520748	-81.082563	7820
DODSON 28-11-5 5H	40.350598	-81.079828	0
DODSON 28-11-5 3H	40.350548	-81.079797	0
DODSON 28-11-5 1H	40.350498	-81.079765	0
DODSON 28-11-5 10H	40.350597	-81.079748	8247
DODSON 28-11-5 8H	40.350548	-81.079716	8260
BRUNK 32-13-5 3H	40.497764	-81.079709	0
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BRUNK 32-13-5 5H	40.497746	-81.079641	0
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KLODT 29-11-5 206H	40.366861	-81.078507	8152
KLODT 29-11-5 6H	40.366916	-81.078502	8174
KLODT 29-11-5 8H	40.366971	-81.078497	8183
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KLODT 29-11-5 201H	40.36683	-81.078421	8094
KLODT 29-11-5 1H	40.366884	-81.078415	8092
KLODT 29-11-5 3H	40.366939	-81.07841	8102
KLODT 29-11-5 5H	40.366993	-81.078405	8101
R MILLER 25-13-5 8H	40.477035	-81.077107	7911
R MILLER 25-13-5 9H	40.47709	-81.077106	7924
R MILLER 25-13-5 10H	40.477145	-81.077104	7917
R MILLER 25-13-5 5H	40.4772	-81.077103	7849
PUTNAM 34-13-5 6H	40.530562	-81.07684	7872
PUTNAM 34-13-5 1H	40.53063	-81.076802	7817
PUTNAM 34-13-5 8H	40.530561	-81.07677	7857
PUTNAM 34-13-5 3H	40.530629	-81.07673	7823

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3891636	32417327.88	39061158.26	82.99121
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CHESAPEAKE EXPLORATION LLC
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 Rex Energy
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 HESS OHIO DEVELOPMENTS LLC
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 CHESAPEAKE EXPLORATION LLC

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Triple B 3-21H	40.06861	-81.074469	8811
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Darla 3-22H	40.178449	-81.073574	8620
Wagner 4-28H	40.178528	-81.073553	8605
Darla 1-22H	40.178477	-81.073407	8583
ROGERS 27-12-5 7H	40.420426	-81.071261	8042
ROGERS 27-12-5 5H	40.420371	-81.071256	8040
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GARVEY 25-12-5 3H	40.391316	-81.070323	8065
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Cadiz A 2H-23	40.272696	-81.064507	8372
Cadiz A 3H-23	40.280987	-81.064415	8443
GARNER 29-13-5 1H	40.533813	-81.064373	7782
GARNER 29-13-5 3H	40.533852	-81.064322	7793
JAVERSAK 28-12-5 6H	40.435151	-81.064309	7917
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JAVERSAK 28-12-5 1H	40.435193	-81.064262	7822
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JAVERSAK 28-12-5 10H	40.435169	-81.064171	7944
JAVERSAK 28-12-5 5H	40.435211	-81.064124	7857
Jenkins 3H	40.608203	-81.061814	7700
Jenkins 4H	40.608209	-81.06176	7646
Jenkins 5H	40.608216	-81.061707	7707
CNXHAR9N5W 1H-24	40.195952	-81.061347	8727
FLIGIEL 29-12-5 6H	40.448523	-81.06078	0
FLIGIEL 29-12-5 1H	40.448578	-81.060779	0
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HOLMES 26-13-5 201H	40.495692	-81.06002	7949
HOLMES 26-13-5 6H	40.495636	-81.059956	7983
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HOLMES 26-13-5 8H	40.495655	-81.059888	7990
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HELEN HALTER 23-11-5 1H	40.359819	-81.059813	8219
HELEN HALTER 23-11-5 6H	40.359747	-81.059788	8323
HELEN HALTER 23-11-5 3H	40.359851	-81.059755	8204
HELEN HALTER 23-11-5 8H	40.35978	-81.059731	8300
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HELEN HALTER 23-11-5 10H	40.359812	-81.059673	8315
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HELEN HALTER 23-11-5 210H	40.359845	-81.059615	8305
WALTERS 30-12-5 6H	40.471393	-81.059604	8058
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741 10/20/2015	2016
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CARROLL	3.40192E+13
CARROLL	3.40192E+13
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MONROE	3.41112E+13
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Belmont	3.40132E+13
Belmont	3.40132E+13

Chesapeake Operating, Inc.
 CHESAPEAKE EXPLORATION LLC
 CHESAPEAKE EXPLORATION LLC
 GULFPORT ENERGY CORPORATION
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 GULFPORT ENERGY CORPORATION
 Hess Corporation
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 Hess Corporation
 Hess Corporation
 Hess Corporation
 CHESAPEAKE EXPLORATION LLC
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 Chesapeake Operating, Inc.
 R E GAS DEVELOPMENT LLC
 R E GAS DEVELOPMENT LLC
 R E GAS DEVELOPMENT LLC
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 R E GAS DEVELOPMENT LLC
 R E GAS DEVELOPMENT LLC
 Rex Energy
 Rex Energy
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 Rice Drilling B, LLC
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 Rice Drilling B, LLC
 Chesapeake Operating, Inc.
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 GULFPORT ENERGY CORPORATION
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 Rice Drilling B, LLC
 Rice Drilling B, LLC

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WALTERS 30-12-5 5H	40.471474	-81.059529	8021
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Jones 2B	39.789398	-81.059193	9555
Jones 1C	39.789657	-81.059191	9578
GF FARMS 25-14-5 10H	40.567231	-81.05843	7753
STANTON 29-13-5 6H	40.537573	-81.056222	7955
STANTON 29-13-5 1H	40.537645	-81.056203	7861
STANTON 29-13-5 8H	40.537583	-81.056151	7952
Campbell 210092 1A	39.83697	-81.056135	9544
STANTON 29-13-5 3H	40.537656	-81.056132	7859
Campbell 210092 2B	39.837009	-81.056118	9538
Campbell 210092 3C	39.837048	-81.056101	9547
Campbell 210092 4D	39.837087	-81.056083	9555
STANTON 29-13-5 10H	40.537593	-81.05608	7931
STANTON 29-13-5 5H	40.537666	-81.056062	7865
Darla 2-22H	40.178489	-81.054677	8604
Athens C 1H-19	40.230416	-81.05354	8697
Athens C 2H-19	40.221271	-81.053493	8708
Athens C 3H-19	40.221289	-81.053446	8708
Athens C 5H-19	40.221329	-81.053352	8716
Athens C 6H-19	40.221351	-81.053305	8741
Athens C 4H-19	40.221356	-81.053083	8711
SHAW 20-14-5 5H	40.57771	-81.053008	7659
LONG 21-12-5 7H	40.417651	-81.052606	8181
LONG 21-12-5 6H	40.417701	-81.052578	8175
LONG 21-12-5 8H	40.4177	-81.052481	8184
BRYAN SHAW 21-13-5 1H	40.503564	-81.052085	7883
BRYAN SHAW 21-13-5 6H	40.50351	-81.05207	7941
BRYAN SHAW 21-13-5 8H-X	40.503457	-81.052054	7954
BRYAN SHAW 21-13-5 3H-X	40.503659	-81.052021	7895
BRYAN SHAW 21-13-5 5H	40.503606	-81.052005	7889
BRYAN SHAW 21-13-5 10H	40.503552	-81.05199	7955
BRACE 1H	40.641393	-81.051704	7597
BRACE WEST 1H	40.630214	-81.050449	0
BRACE WEST 2H	40.630214	-81.050395	0
Razin Kane 2H	39.997585	-81.0495	9063
Razin Kane 4H	39.997611	-81.049417	9058
Razin Kane 6H	39.997637	-81.049335	9061
Krazy Train 2H	40.001117	-81.04867	9046
GRAHAM 2H	40.63825	-81.048086	0
GRAHAM 1H	40.638289	-81.048081	0
G Graham 2H	40.638311	-81.047902	7617
G Graham 2H	40.638311	-81.047902	7616
SMELTZ 23-13-5 6H	40.539355	-81.047453	7916
SMELTZ 23-13-5 1H	40.539409	-81.04745	7854
SMELTZ 23-13-5 8H	40.539379	-81.047362	7938
Shriver 210018 1B	39.840407	-81.046836	9647
Shriver 210018 2A	39.840448	-81.046833	9619
Shriver 210018 3C	39.840489	-81.04683	9643
Shriver 210018 4D	39.84053	-81.046827	9633
Krazy Train 4H	40.001072	-81.045797	9108
Madusa 4H	39.9722	-81.0436	9306
Madusa 2H	39.9721	-81.043561	9295
MATTIE 18-11-5 1H	40.371765	-81.043286	8184
MATTIE 18-11-5 3H	40.371831	-81.043241	8195
MATTIE 18-11-5 2H	40.371724	-81.04324	8181
Truax 1A	39.796245	-81.043196	9687
MATTIE 18-11-5 4H	40.371789	-81.043195	8196
Iron Warrior 2H	40.016516	-81.043186	9165
Iron Warrior 4H	40.016584	-81.043181	9184

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754 8/6/2014	2014
755 8/14/2014	2014
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758 7/27/2014	2014
759 2/6/2015	2015
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784 6/27/2012	2012
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801 3/22/2015	2015
802 2/28/2015	2015
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804 2/21/2015	2015

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MONROE	3.41112E+13
CARROLL	3.40192E+13
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HARRISON	3.40672E+13
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HARRISON	3.40672E+13
HARRISON	3.40672E+13
BELMONT	3.40132E+13
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CARROLL	3.40192E+13
BELMONT	3.40132E+13
Carroll	3.40192E+13
CARROLL	3.40192E+13
HARRISON	3.40672E+13
HARRISON	3.40672E+13
MONROE	3.41112E+13
MONROE	3.41112E+13
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GULFPORT ENERGY CORPORATION
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 Chesapeake Operating, Inc.
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 American Energy - Utica, LLC
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Truax 4D	39.79624	-81.043036	9711
Truax 5E	39.796238	-81.042982	9723
SCOTT 24-12-5 6H	40.465453	-81.041936	8082
SCOTT 24-12-5 1H	40.465508	-81.041935	8058
SCOTT 24-12-5 3H	40.465563	-81.041933	8042
SCOTT 24-12-5 8H	40.465425	-81.041865	8122
SCOTT 24-12-5 10H	40.46548	-81.041863	8116
SCOTT 24-12-5 5H	40.465534	-81.041862	8047
NM HARRISON 16-11-5 1H	40.350584	-81.041468	8264
NM HARRISON 16-11-5 3H	40.350623	-81.041416	8270
NM HARRISON 16-11-5 6H	40.350555	-81.041379	8332
NM HARRISON 16-11-5 5H	40.350661	-81.041365	8272
NM HARRISON 16-11-5 8H	40.350593	-81.041328	8351
NM HARRISON 16-11-5 10H	40.350631	-81.041277	8340
Bedway N UNN BL 3H	40.07655	-81.040366	8980
SCHMUCK FARMS 22-14-5 8H	40.61083	-81.04031	7678
SCHMUCK FARMS 22-14-5 6H	40.610885	-81.040309	7628
SCHMUCK FARMS 22-14-5 1H	40.61094	-81.040307	7577
SCHMUCK FARMS 22-14-5 4H	40.610994	-81.040305	7650
SCHMUCK FARMS 22-14-5 10H	40.610856	-81.040237	7695
SCHMUCK FARMS 22-14-5 5H	40.610911	-81.040236	7587
SCHMUCK FARMS 22-14-5 3H	40.610972	-81.040235	7621
SMITH NURSERY 19-13-5 6H	40.483585	-81.039878	8116
SMITH NURSERY 19-13-5 6H	40.483585	-81.039878	8116
SMITH NURSERY 19-13-5 8H	40.483543	-81.039831	8134
SMITH NURSERY 19-13-5 8H	40.483543	-81.039831	8134
SMITH NURSERY 19-13-5 10H	40.483502	-81.039784	8112
SMITH NURSERY 19-13-5 10H	40.483502	-81.039784	8112
SMITH NURSERY 19-13-5 12H	40.48346	-81.039737	8153
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Cadiz B 4H	40.22727	-81.038299	8748
Cadiz B 5H	40.22727	-81.038299	8784
HUTCHISON 33-15-5 1H	40.650495	-81.03789	7544
HUTCHISON 33-15-5 3H	40.650494	-81.037818	7554
HUTCHISON 33-15-5 5H	40.650493	-81.037746	7562
KINSEY 21-15-5 5H	40.669826	-81.037738	7509
SLATES 16-12-5 1H	40.440728	-81.03763	8095
SLATES 16-12-5 6H	40.440673	-81.037595	8153
SLATES 16-12-5 3H	40.440728	-81.037558	8058
SLATES 16-12-5 8H	40.440672	-81.037523	8138
SLATES 16-12-5 5H	40.440727	-81.037486	8103
SLATES 16-12-5 10H	40.440671	-81.037452	8143
Warren Bel A 4H-21	40.104506	-81.035585	8867
WEST 4-15-5 206H	40.719651	-81.035095	7576
WEST 4-15-5 3H	40.719815	-81.035095	7461
GOTSHALL 14-12-5 1H	40.406253	-81.034853	8137
GOTSHALL 14-12-5 5H	40.406271	-81.034773	8150
Howell 1A	39.800872	-81.033401	9736
Howell 2B	39.801004	-81.033366	9726
Howell 3C	39.801035	-81.033331	9736
Howell 4D	39.801066	-81.033296	9762
Westhawk 3B	39.843797	-81.031918	9654
Westhawk 4A	39.843758	-81.031902	9642
KENNEDY 14-13-5 1H	40.496612	-81.029856	8049
KENNEDY 14-13-5 6H	40.496681	-81.02982	8169
KENNEDY 14-13-5 2H	40.496612	-81.029784	8061
KENNEDY 14-13-5 8H	40.496681	-81.029748	8165
KENNEDY 14-13-5 3H	40.496613	-81.029712	8081
KENNEDY 14-13-5 10H	40.496682	-81.029677	8129
KENNEDY 14-13-5 4H	40.496613	-81.02964	8068

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HARRISON	3.40672E+13
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Carroll	3.40192E+13
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HARRISON	3.40672E+13
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BELMONT	3.40132E+13
CARROLL	3.40192E+13
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HARRISON	3.40672E+13
BELMONT	3.40132E+13
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BELMONT	3.40132E+13
BELMONT	3.40132E+13
MONROE	3.41112E+13
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MONROE	3.41112E+13
MONROE	3.41112E+13
HARRISON	3.40672E+13
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Belmont	3.40132E+13
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BELMONT	3.40132E+13

Chesapeake Operating, Inc.
 CHESAPEAKE EXPLORATION LLC
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 Chesapeake Operating, Inc.
 Hess Corporation
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 CHESAPEAKE EXPLORATION LLC
 CHESAPEAKE EXPLORATION LLC
 Chesapeake Operating, Inc.
 CHESAPEAKE EXPLORATION LLC
 Hess Corporation
 CHESAPEAKE EXPLORATION LLC
 CHESAPEAKE EXPLORATION LLC
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Hess Corporation
 Hess Corporation
 Hess Corporation
 Hess Corporation
 Hess Corporation
 American Energy - Utica, LLC
 American Energy - Utica, LLC
 CHESAPEAKE EXPLORATION LLC
 CHESAPEAKE EXPLORATION LLC
 CHESAPEAKE EXPLORATION LLC
 CHESAPEAKE EXPLORATION LLC
 CHESAPEAKE EXPLORATION LLC
 Hess Corporation
 CHESAPEAKE EXPLORATION LLC
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 Hess Corporation
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 Rice Drilling B, LLC
 Ascent Resources - Utica, LLC
 Ascent Resources - Utica, LLC
 HESS OHIO RESOURCES LLC
 Ascent Resources - Utica, LLC
 GULFPORT ENERGY CORPORATION
 Ascent Resources - Utica, LLC

HOUYOUSE 15-13-5 7H	40.509935	-81.029336	6150
HOUYOUSE 15-13-5 6H	40.509991	-81.029318	8018
HOUYOUSE 15-13-5 1H	40.510045	-81.029309	7965
HOUYOUSE 15-13-5 3H	40.510099	-81.0293	7971
HOUYOUSE 15-13-5 # 8H 8H	40.509957	-81.029254	7855
HOUYOUSE 15-13-5 10H	40.510009	-81.02924	8042
HOUYOUSE 15-13-5 5H	40.510063	-81.029228	7977
CADIZ B #1H-14	40.20421	-81.02852	8756
WHITE 17-13-5 6H	40.533129	-81.026726	8028
WHITE 17-13-5 1H	40.533137	-81.026639	7954
WHITE 17-13-5 3H	40.533099	-81.026584	7942
WHITE 17-13-5 10H	40.533002	-81.026557	8016
WHITE 17-13-5 5H	40.533061	-81.026536	7954
WHITE 17-13-5 8H	40.531722	-81.025646	8015
CADIZ B 2H-14	40.20542	-81.02537	8759
MANGUN 22-15-5 3H	40.672811	-81.025315	7546
MANGUN 22-15-5 6H	40.672774	-81.025197	7591
RUBY 15-12-5 8H	40.414673	-81.024667	8237
RUBY 15-12-5 6H	40.414728	-81.024666	8209
RUBY 15-12-5 1H	40.414783	-81.024664	8166
RUBY 15-12-5 3H	40.41481	-81.024574	8166
Cadiz D 1H-8	40.230658	-81.023902	8782
Cadiz D 5H-8	40.230658	-81.023902	8790
Cadiz D 3H-8	40.230677	-81.023855	8795
Cadiz D 3H-8	40.230698	-81.023808	8799
Cadiz D 4H-8	40.230717	-81.023761	8788
Bedway N UNN BL 5H	40.076007	-81.023735	8976
Bedway N UNN BL 1H	40.075897	-81.023723	8983
APPALACHIAN 16-12-5 1H	40.440839	-81.023008	8152
APPALACHIAN 16-12-5 6H	40.44077	-81.022973	5005
APPALACHIAN 16-12-5 3H	40.440838	-81.022936	8133
APPALACHIAN 16-12-5 8H	40.440769	-81.022902	8242
APPALACHIAN 16-12-5 5H	40.440838	-81.022864	8172
Cadiz B 3H-14	40.20655	-81.02286	8772
APPALACHIAN 16-12-5 10H	40.440768	-81.02283	8255
HARVEY 16-14-5 3H	40.606119	-81.022605	0
HARVEY 16-14-5 5H	40.606099	-81.022523	0
HARVEY HARVEY 8H	40.605975	-81.022454	7866
HARVEY 16-14-5 1H	40.605922	-81.022433	0
Athens B 1H-5	40.20462	-81.02144	8859
Bounty Hunter 2H	40.01209	-81.0206	9084
Bounty Hunter 4H	40.012095	-81.020568	9097
Bounty Hunter 6H	40.012099	-81.020537	9107
Bounty Hunter 8H	40.012103	-81.020505	9113
Routh 210019 1A	39.807724	-81.020049	9789
Routh 210019 2B	39.807754	-81.020011	9820
Routh 210019 3C	39.807783	-81.019973	9822
Routh 210019 4D	39.807812	-81.019936	9828
BUELL 10-11-5 2H	40.350308	-81.019653	8454
BUELL 10-11-5 4H	40.350393	-81.019567	8459
BUELL 10-11-5 3H	40.350338	-81.019565	8455
BUELL 10-11-5 1H	40.350284	-81.019562	8488
Dragons Breath 3H	39.951091	-81.017974	9264
Dragons Breath 5H	39.951087	-81.017884	9150
Dragons Breath 1H	39.951169	-81.017882	9229
Dragons Breath 7H	39.951083	-81.017795	9284
CHC DUTTON WHL BL 4H	40.149871	-81.017514	8926
CHC DUTTON WHL BL 5H	40.149804	-81.017405	8827
CAPSTONE HOLDINGS 2H-9	40.149804	-81.017405	8962
CHC DUTTON WHL BL 9H	40.149905	-81.017377	8827
Perkins 4-4H	39.91124	-81.017377	9252
CHC DUTTON WHL BL 11H	40.149921	-81.017309	8885

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4683000	39009390	46805928.38	83.34284
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12614868	105081850.4	116442698.8	90.2434
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COLUMBIANA	3.40292E+13
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CARROLL	3.40192E+13
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MONROE	3.41112E+13
MONROE	3.41112E+13
MONROE	3.41112E+13
MONROE	3.41112E+13
HARRISON	3.40672E+13
CARROLL	3.40192E+13
HARRISON	3.40672E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
CARROLL	3.40192E+13
Carroll	3.40192E+13
Carroll	3.40192E+13
BELMONT	3.40132E+13
CARROLL	3.40192E+13

Ascent Resources - Utica, LLC
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 CHESAPEAKE EXPLORATION LLC
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 ANTERO RES APPALACHIAN CORP
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 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 GULFPORT ENERGY CORPORATION
 Hess Corporation
 CHESAPEAKE EXPLORATION LLC
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 Chesapeake Operating, Inc.
 Chesapeake Operating, Inc.
 GULFPORT ENERGY CORPORATION
 CHESAPEAKE EXPLORATION LLC

CHC DUTTON WHL BL 6H	40.149939	-81.017241	8960
WHEELING A 5H-9	40.149939	-81.017241	8838
COLESCOTT 11-12-5 6H	40.450204	-81.015653	8233
COLESCOTT 11-12-5 1H	40.450254	-81.015623	8165
COLESCOTT 11-12-5 3H	40.450302	-81.015589	8179
COLESCOTT 11-12-5 8H	40.450203	-81.015574	7161
COLESCOTT 11-12-5 10H	40.450252	-81.01554	8240
COLESCOTT 11-12-5 5H	40.450301	-81.01551	8175
PIDGEON A 22-15-5 6H	40.67973	-81.014625	7606
PIDGEON A 22-15-5 5H	40.679659	-81.014446	7572
AYRVIEW ACRES 27-16-5 1H	40.744499	-81.014272	7419
AYRVIEW ACRES 27-16-5 3H	40.744529	-81.014202	7641
AYRVIEW ACRES 27-16-5 5H	40.744474	-81.0142	7428
SNODDY 11-13-5 6H	40.531045	-81.014094	8056
SNODDY 11-13-5 1H	40.531089	-81.014039	8038
SNODDY 11-13-5 5H	40.531059	-81.013899	7987
STEWART 12-11-5 1H	40.378604	-81.012942	8271
STEWART 12-11-5 3H	40.378627	-81.012852	8271
STEWART 12-11-5 5H	40.378586	-81.012803	8278
COOPER 8-13-5 1H	40.498923	-81.012683	8050
COOPER 8-13-5 6H	40.498877	-81.012644	8081
COOPER 8-13-5 6H	40.498877	-81.012644	8081
COOPER 8-13-5 8H	40.498831	-81.012604	8086
COOPER 8-13-5 8H	40.498831	-81.012604	8086
COOPER 8-13-5 5H	40.498938	-81.012589	8049
COOPER 8-13-5 5H	40.498938	-81.012589	8049
COOPER 8-13-5 10H	40.498892	-81.012549	8089
COOPER 8-13-5 10H	40.498892	-81.012549	8089
Cadiz C 2H-11	40.283477	-81.012407	8524
Cadiz C 3H-11	40.283476	-81.012354	8533
Cadiz C 4H-11	40.283475	-81.0123	8549
Cadiz C 5H-11	40.283475	-81.012246	8550
Cadiz C 1H-11	40.283477	-81.012146	8526
DEAN OTT 7-14-5 6H	40.572214	-81.010358	7948
DEAN OTT 7-14-5 7H	40.572226	-81.010318	7953
DEAN OTT 7-14-5 8H	40.572305	-81.010278	7977
DEAN OTT 7-14-5 9H	40.572351	-81.010238	7984
DEAN OTT 7-14-5 5H	40.572336	-81.010143	7889
WALKER 12-12-5 1H	40.459429	-81.009143	0
WALKER 12-12-5 3H	40.4595	-81.009106	0
WALKER 12-12-5 6H	40.459393	-81.009094	0
WALKER 12-12-5 5H	40.459461	-81.009056	0
WALKER 12-12-5 8H	40.459354	-81.009041	0
WALKER 12-12-5 10H	40.459422	-81.009003	0
Robinette 210129 4A	39.812893	-81.008669	9932
Robinette 210129 3B	39.812893	-81.008616	9932
Robinette 210129 2C	39.812892	-81.008563	9932
Robinette 210129 1D	39.812891	-81.008509	9034
Archer A 2H-31	40.31541	-81.0079	8680
WAGNER 11-13-5 5H	40.544256	-81.007807	7929
Archer A 1H-31	40.31123	-81.00749	8677
JC ACRES 12-12-5 1H	40.469446	-81.00554	8212
JC ACRES 12-12-5 3H	40.469487	-81.005489	8505
JC ACRES 12-12-5 5H	40.469526	-81.005439	8211
JC ACRES 12-12-5 8H	40.469458	-81.0054	8306
JC ACRES 12-12-5 10H	40.469499	-81.005348	8305
HAWK 2-15-5 1H	40.713539	-81.004888	0
HAWK 2-15-5 8H	40.713456	-81.0048	0
LOZIER 14-15-5 6H	40.685944	-81.00472	7661
LOZIER 14-15-5 1H	40.685999	-81.004683	7608
Lorna 2A	39.913272	-81.004681	9364
LOZIER 14-15-5 8H	40.685943	-81.004648	7631